

Exhibit A
Part 4



Michigan Department of Environmental Quality
Cost Table for Environmental Claims
6241 Cass Avenue @ Amsterdam St., Detroit, MI
GM Facility ID# 1294

Site Assessment		Units	Unit Cost	Total
1	Geoprobe and crew for 7 borings incl temp wells (per day)	12	\$3,000.00	\$6,000.00
2	Soil Samples (2 per boring)	20	\$115.70	\$2,314.00
	A: Full Scan			
	B: VOCs only		\$110.00	\$0.00
	C: SVOCs only		\$221.00	\$0.00
	D: Metals only		\$184.00	\$0.00
	E: PCBs only		\$221.00	\$0.00
3	Water Samples (6 per boring)	0	\$115.70	\$0.00
	A: Full Scan			
	B: VOCs only		\$110.00	\$0.00
	C: SVOCs only		\$221.00	\$0.00
	D: Metals only		\$184.00	\$0.00
	E: PCBs only		\$221.00	\$0.00
4	Consultant Oversight (per day)	12	\$600.00	\$7,200.00
5	Investigation Report (1S)	1	\$3,000.00	\$3,000.00
6	15% Contingency			\$5,000.00
7	State Oversight Costs (5%)			\$1,917.05
	Total Site Assessment Cost			\$5,402,687.05

Building Demolition		Units	Unit Cost	Total
1	Asbestos Abatement includes air monitoring and disposal (per linear ft of pipe)	20	\$45.00	\$900.00
2	Transformer Removal			
	A: Disposal Non-PCB Transformer Oil incl transportation (per gal)		\$0.65	\$0.00
	B: Disposal PCB Transformer Oil incl transportation (per gal)		\$4.56	\$0.00
3	Bldg Demo includes trucking and disposal (per CF building standing)		\$0.37	\$0.00
4	Ordered Demolition (per CF building standing)		\$0.65	\$0.00
5	Bldg Slab Demo includes trucking and disposal (per SF of building slab)		\$6.30	\$0.00
6	Consultant Oversight (per day)		\$600.00	\$0.00
7	15% Contingency			\$0.00
8	State Oversight Costs (5%)			\$0.00
	Total Building Demolition			\$0.00

Soil Removal			
Item	Description	Quantity	Unit Cost
1	Soil Excavation and Disposal		
A	Non-Hazardous Soil (per cubic yard)	300	\$50.00
B	Hazardous Soil (per cubic yard)		\$15,000.00
2	Confirmation/Sampling		\$0.00
A	Full Scan		\$0.00
B	VOCs only		\$1,167.00
C	SVOCs only		\$1,100.00
D	Metals only	12	\$221.00
E	PCBs only		\$184.00
3	Backfill and Compaction (per cubic yard)	300	\$221.00
4	Consultant Oversight (per day)	1	\$20.00
5	15% Contingency		\$600.00
6	State Oversight Costs (5%)		\$3,989.00
Total Soil Removal Cost			\$1,521.45

Soil Vapor Extraction System		Units	Unit Cost	Total
1 Soil Vapor Extraction System				
Construction Specifications (Lump Sum)		1	\$ 9,000.00	\$0.00
Cleaning & Grubbing (per acre)		0.00	\$ 4,725.00	\$0.00
SVE Well Installation (per well, avg. 6' deep)		0.00	\$ 600.00	\$0.00
Collection Trench Excavation (per linear foot, 24" wide, 2' deep)		0.00	\$ 30.00	\$0.00
Piping Installation (per linear foot)		0.00	\$ 50.00	\$0.00
Non-Haz Contaminated Soil Transport and Disposal (CY of well and trench spoil)		0.00	\$ 20.00	\$0.00
General Backfill for trench (per CY from 2' to 0' bgs)		0.00	\$ 7,500.00	\$0.00
Cat-Ox unit rental (monthly)		0.00	\$ 6,000.00	\$0.00
2000 lb Granular Activated Carbon Unit		0.00	\$ 2,500.00	\$0.00
Purchase New Carbon for 30 months of operation @ \$1.25/lb		0.00	\$ 4,000.00	\$0.00
Dispose of Waste Carbon for 30 months of operation @ \$2.00/lb		0.00	\$ 10,000.00	\$0.00
Blower		0.00	\$ 20,000.00	\$0.00
SVE Trailer		0.00	\$ 25,000.00	\$0.00
O&M (Years)		0.00	\$ 10,000.00	\$0.00
Submittals (Lump Sum) for Monthly or Quarterly Reports		0.00	\$ 1,500.00	\$0.00
Verification of Soil Remediation Samples		0.00	\$ 10,000.00	\$0.00
Electrical (lump sum)		0.00	\$ 10,000.00	\$0.00
Mechanical (lump sum)		0.00	\$ 15,000.00	\$0.00
Start up & Trouble Shoot		0.00	\$ 12,000.00	\$0.00
Site Restoration		0.00	\$ 1,500.00	\$0.00
2 Contingency		0.00	\$ 600.00	\$0.00
3 15% Contingency		0.00	\$ 1,500.00	\$0.00
4 State Oversight Costs (5%)		0.00	\$ 1,500.00	\$0.00
Total Soil Vapor Extraction Costs: \$0.00				

Groundwater Removal/Recovery				# of		Unit Costs		Total	
				Units		Unit Costs		Total	
1	Groundwater pumping to frac tank								
A	8 hours of pumping Manned (per day)					\$1,760.00			
B	Frac Tank Delivery (per hour)					\$95.00			
C	Frac Tank Rental -21,000 gal (per week)					\$266.00			
D	Frac Tank Decon (per hour)					\$145.00			
2	Groundwater Disposal								
A	Waste Water Characterization								
1	Full Scan					\$1,157.00			
2	VOCs only					\$221.00			
3	SVOCs only					\$221.00			
4	Metals only					\$184.00			
5	PCBs only					\$221.00			
B	Disposal Non-Hazardous Groundwater (incl. transportation) (per gallon)					\$0.65			
C	Disposal Hazardous Groundwater (per gallon)					\$4.56			
3	Groundwater Monitoring Wells					\$450.00			
4	Groundwater Confirmation Sampling								
A	Full Scan					\$1,157.00			
B	VOCs only					\$221.00			
C	SVOCs only					\$221.00			
D	Metals only					\$184.00			
E	PCBs only					\$221.00			
6	Consultant Oversight (per day)					\$600.00			
6	15% Contingency								
7	State Oversight Costs (5%)								
Total Groundwater Removal Costs:						\$0.00			

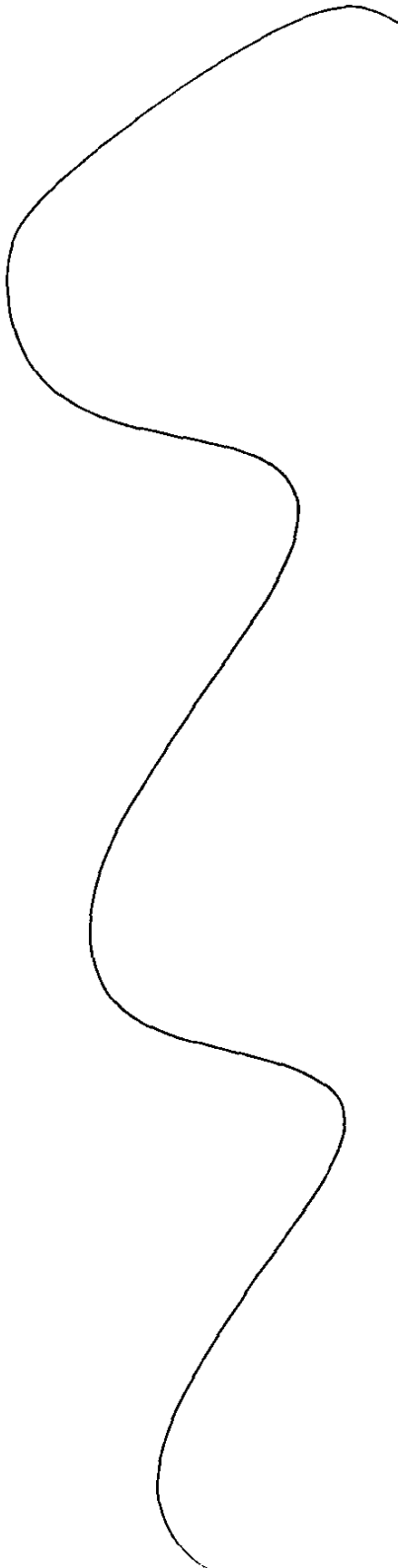
Groundwater Treatment System				Units	Unit Cost	Total
1	Groundwater Collection System Installation					
	Cleaning & Grubbing (per acre)				\$ 4,725.00	\$0.00
	Collection Trench Excavation (per linear foot 36" wide 8' deep)				\$ 100.00	\$0.00
	Non-Haz Contaminated Soil Transport and Disposal (Cubic Yard of CY)				\$ 50.00	\$0.00
	Pea Gravel for Trench Backfill (per CY from 8' to 4' bgs)				\$ 20.00	\$0.00
	General Backfill for Trench (per CY from 4' to 0' bgs)				\$ 20.00	\$0.00
	Groundwater Well Sump Installation (per well, whole crew, incl. well installation)				\$ 3,000.00	\$0.00
	Groundwater Recovery Pumps (per well, incl. installation)				\$ 3,000.00	\$0.00
	Air Compressor (10 Hp for pumps)				\$ 7,500.00	\$0.00
	Piping Installation (per linear foot)				\$ 30.00	\$0.00
	Co-Precipitation Remediation System Purchase				\$248,000.00	\$0.00
	Co-Precipitation Remediation System Installation				\$ 66,000.00	\$0.00
	Treatment System Trailer Purchase				\$ 20,000.00	\$0.00
	Liquid Phase GAC Vessels for Carbon (1000 lbs Capacity) Purchase				\$ 3,500.00	\$0.00
	Mechanical				\$ 18,000.00	\$0.00
	Electrical				\$ 15,000.00	\$0.00
	Sewer Connection & Permitting				\$ 15,000.00	\$0.00
	Start up & Trouble Shoot				\$ 15,000.00	\$0.00
	Site Restoration				\$ 12,000.00	\$0.00
2	Consultant Oversight (per day)				\$600.00	\$0.00
3	15% Contingency					\$0.00
4	State Oversight Costs (5%)					\$0.00
Total Groundwater Treatment System						\$0.00

Groundwater System Monitoring and Operator and Maintenance for 10 Years				Units	Unit Cost	Total
1	System O&M					
	Utilities (per year)				\$ 4,500.00	\$0.00
	Wastewater Discharge (\$1.22/80 gallons)				\$ 12,000.00	\$0.00
	Purchase of new carbon (1000 lbs per month @ \$1.25/lb) Yearly amount is unit cost				\$ 15,000.00	\$0.00
	Dispose of Carbon & Change Out (1000 lbs/month @ \$2.00/lb) Hazardous Waste Yearly amount is unit cost				\$ 24,000.00	\$0.00
	Siludge Disposal (4 ton/month @ \$300/ton) for siludge from Co-precipitation Yearly amount is unit cost				\$ 14,400.00	\$0.00
	Monitoring - Materials - Yearly amount is unit cost				\$ 1,500.00	\$0.00
	Reporting - Yearly amount is unit cost				\$ 3,500.00	\$0.00
	Post Remediation Monitoring - Yearly amount is unit cost				\$ 8,500.00	\$0.00
2	15% Contingency					\$0.00
3	State Oversight Costs (5%)					\$0.00
Total Groundwater Monitoring and Maintenance and Operator Costs						\$0.00

Miscellaneous Projects/ Tasks		
1	Bid Documents and Contractor Procurement	\$5,000.00
2	Contractor Mobilization (5% of total project cost)	\$0.00
3	Closure Report (US)	\$36,104.3
	Total Miscellaneous Projects/ Tasks	\$41,500.00

Total for Site Remediation: **\$80,318.93**

- ¹ Assume 50 feet btw borings
- ² If contaminant is unknown run "full scan"
- ³ SF of building multiplied by estimated height
- ⁴ If no Asbestos Survey has been completed, assume ordered demo of building
- ⁵ Assumed reinforced concrete
- ⁶ For sandy soil, assume 15' radius of influence, with wells 30' apart to cover entire plume
- ⁷ Measure distance to central location for SVE trailer from each well
- ⁸ First year - monthly, second year quarterly and remaining half year quarterly
- ⁹ Assume 1' of groundwater in bottom of entire excavation - Multiply excavation volume by 7.48 for estimated gallons
- ¹⁰ Trench installed width of plume on leading edge Use 0's in unit column if no groundwater remediation system
- ¹¹ Use only if "Groundwater Treatment" is chosen over removal Use 10's in unit column for estimated 10 years of O&M



UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE

MOTORS LIQUIDATION COMPANY, et al
(f/k/a General Motors Corp, et al),

Chapter 11
Case No 09-50026 (REG)
(Jointly Administered)

Debtors.

AFFIDAVIT OF CHRISTY D. CLARK

I, Christy D Clark, first being duly sworn, depose and say

- 1 I am employed as a Senior Geologist for the Remediation and Redevelopment Division (RRD) of the Michigan Department of Environmental Quality (MDEQ) in the Southeast Michigan District Office, Warren, Michigan I have been employed by the MDEQ for six years, since March 2003
- 2 I make this affidavit on my personal knowledge acquired during the course of my employment, and if called as a witness, could competently testify
- 3 My responsibilities include coordinating and overseeing the identification, investigation, and evaluation of sites where hazardous substances have been released into the environment I oversee the preparation, review and approval of remedial action plans, interim responses designed to meet criteria, final assessment reports, and closure reports These activities are conducted under the authority of Part 201, Environmental Remediation, of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Michigan Compiled Laws (MCL) 324 20101 *et seq*, Part 213, Leaking Underground Storage Tanks, of the NREPA, MCL 324 21301 *et seq*; and Part 211, Underground Storage Tank Regulations, of the NREPA, MCL 324 21101 *et seq*

- 4 In 2003, I was made project manager for GM facilities in Pontiac, Michigan. I worked closely with GM staff as they developed plans to remediate many of their older facilities. Two of these facilities were the GM Truck and Bus located at 65 University Drive and the Pontiac GMC Truck Center located at 675 Cesar Chavez.

GMC Truck Center – 675 Cesar Chavez

- 5 The Pontiac GMC Truck Center at 675 Cesar Chavez occupies an approximate 35,000 square foot parcel of land which contains three buildings. A main building that was used as the dealership main office, service and repair facility, a second building used for service development, and a third building used as an auxiliary office.
- 6 There are two open confirmed release associated with one 500 gallon Waste Oil Tank and three 280 gallon Virgin Oil Tanks, release dates April 23, 1991 and May 4, 1992, release numbers C-0798-91 and C-0717-92. These releases need to be remediated because analytical data exists that indicates soil is contaminated above the states risk based cleanup levels. At a minimum, soil removal and investigation are needed to satisfy the requirements of Part 213.
- 7 There are possibly three underground storage tanks (USTs) still underground. The file and Storage Tank Information database does not contain any information documenting that the tanks have been removed. Since this facility has been in operation since the early 1950's, and based upon my experience with other automobile facilities that operated within that timeframe, there is a high probability of extensive soil contamination around the USTs.
- 8 The three USTs remaining on site need to be removed pursuant to Part 211, and the Michigan Underground Storage Tank Rules, R 29 2153. These tanks have been abandoned and are no longer in use.

- 9 Using my best professional judgment, the total estimated future cost for the investigation, remediation of soils, and underground storage tank removal at 675 Cesar Chavez, to meet the requirements of Part 211 and Part 213, is likely to approach \$95,000 00

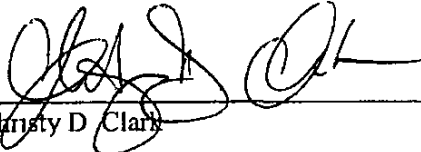
The above estimated future costs were developed using the attached spreadsheet with the following assumptions a minimum of 150 cubic yards of soil removal to address the open releases; and a minimum of fourteen soil borings and temporary wells with associated analyses for each of the three existing tanks and for the known releases

GM Truck and Bus – 65 University Drive

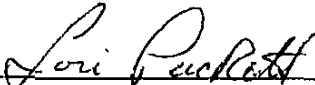
- 10 The GM Truck and Bus located at 65 University Drive occupies a 40,459 square foot Site building situated on a 3.7 acre parcel of land. The Site building is two stories with a basement and was constructed as an automobile dealership owned and operated by Pontiac Motor Division from the early to mid 1950s to 1978. Use of the Site was converted in 1978, when the Site was operated by GM's Truck and Bus Division as an engineering center for the construction of prototype vehicles and associated engineering development activities. These activities ceased in 1992. The Site building was remodeled in 1994 for use as a training and employee development center. The Site building operated as a training and employee development center from 1994 through January 2007.

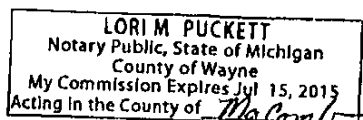
- 11 There are possibly eight 50-gallon Hydraulic USTs still underground, an abandoned Dynamometer Pit and an abandoned Oil/Sand Separator. The file and Storage Tank Information database does not contain any information documenting that the tanks have been removed. Since this facility has been in operation since the early 1950's, and based upon my experience with other automobile facilities that operated within that timeframe, there is a high probability of extensive soil contamination around the USTs.

- 12 There is one open confirmed release associated with the piping and dispenser used by a 1,000-gallon gasoline UST and a 1,000-gallon dilute sulfuric acid overflow/spill UST, release date November 6, 2006, release number C-0328-06 This release needs to be remediated to satisfy the requirements of Part 213
- 13 Using my best professional judgment, the total estimated future cost for the investigation, remediation of soils, and underground storage tank removal at 65 East University Drive, to meet the requirements of Part 213 is likely to approach \$516,000 00
- 14 The above estimated future costs were developed using the attached spreadsheet with the following assumptions a minimum of 700 cubic yards of soil removal to address the open release, and a minimum of 56 soil borings and temporary wells with associated analyses for each of the eight existing tanks, the abandoned Dynamometer Pit, the abandoned Oil/Sand Separator, and also for the known release
- 15 The above estimated future costs were developed assuming the MDEQ may have to conduct all of the future response activities for these sites Additional unknown conditions may exist at this facility that could increase future response costs


Christy D. Clark

Subscribed and sworn to before me this 24th day of November, 2009


Notary Public



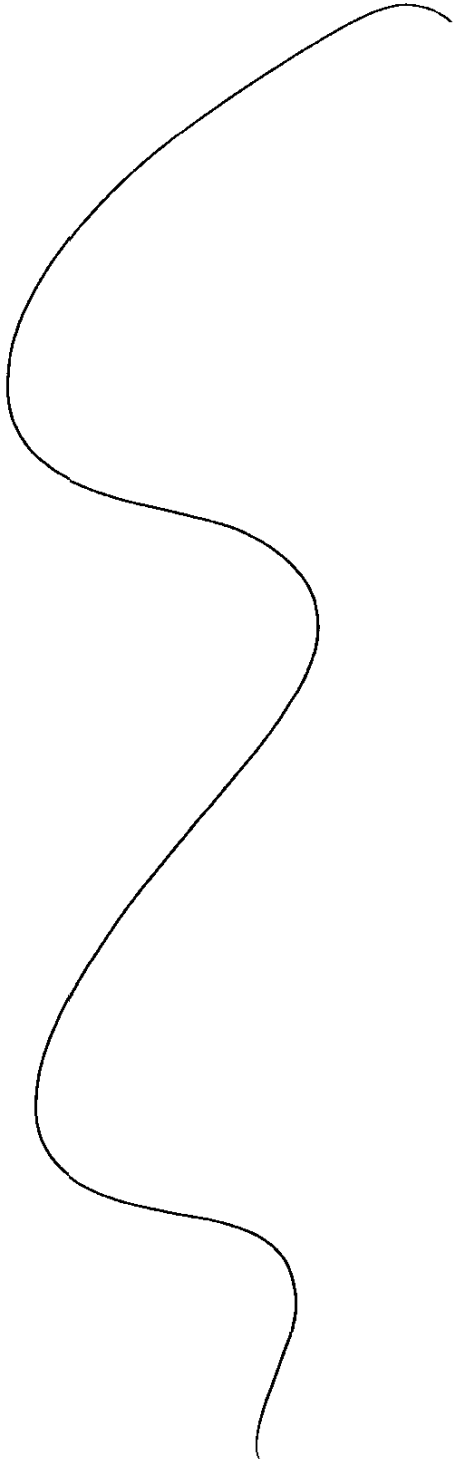


Michigan Department of Environmental Quality
Cost Table for Environmental Claims
675 Cesar Chavez
0-0011332

Site Assessment				
Need	# of Units	Unit Cost	Total	
1 GeoProbe and crew for 7 borings incl. temp. wells (per day) ¹	2	\$3,000.00	\$6,000.00	
2 Soil Samples (2 per boring) ²				
A Full Scan ²	28	\$1,157.00	\$32,396.00	
B VOCs only		\$110.00	\$0.00	
C SVOCs only		\$221.00	\$0.00	
D Metals only		\$184.00	\$0.00	
E PCBs only		\$221.00	\$0.00	
3 Water Samples (1 per boring)				
A Full Scan ²		\$1,157.00	\$0.00	
B VOCs only		\$110.00	\$0.00	
C SVOCs only		\$221.00	\$0.00	
D Metals only		\$184.00	\$0.00	
E PCBs only		\$221.00	\$0.00	
4 Consultant Oversight (per day)		\$600.00	\$0.00	
5 Investigation Report (LS)	1	\$3,000.00	\$3,000.00	
6 15% Contingency			\$6,209.40	
7 State Oversight Costs (5%)			\$2,380.27	
Total Site Assessment Cost:			\$49,985.67	

Building Demolition				
Need	# of Units	Unit Cost	Total	
1 Asbestos Abatement includes air monitoring and disposal (per linear ft. of pipe)		\$45.00	\$0.00	
2 Transformer Removal				
A Disposal Non-PCB Transformer Oil incl transportation (per gal)		\$0.65	\$0.00	
B Disposal PCB Transformer Oil incl transportation (per gal)		\$4.56	\$0.00	
3 Bldg Demo includes Trucking and Disposal (per CF building standing) ³		\$0.37	\$0.00	
4 Ordered Demolition (per CF of building standing) ⁴		\$0.65	\$0.00	
5 Bldg Slab Demo includes Trucking and Disposal (per SF of building slab) ⁵	250	\$6.30	\$1,575.00	
6 Consultant Oversight (per day)		\$600.00	\$0.00	
7 15% Contingency			\$236.25	
8 State Oversight Costs (5%)			\$90.56	
Building Demolition Total:			\$1,901.81	

Soil Removal				
Need	# of Units	Unit Cost	Total	
1 Soil Excavation and Disposal				
A Non-Hazardous Soil (per cubic yard)	150	\$50.00	\$7,500.00	
B Hazardous Soil (per cubic yard)		\$150.00	\$0.00	
2 Confirmation Sampling				
A Full Scan ²	10	\$1,157.00	\$11,570.00	
B VOCs only		\$110.00	\$0.00	
C SVOCs only		\$221.00	\$0.00	
D Metals only		\$184.00	\$0.00	
E PCBs only		\$221.00	\$0.00	
3 Backfill and Compaction (per cubic Yard)	200	\$20.00	\$4,000.00	
4 Consultant Oversight (per day)	2	\$600.00	\$1,200.00	
5 15% Contingency			\$3,640.50	
6 State Oversight Costs (5%)			\$1,395.53	
Total Soil Removal Cost:			\$29,306.03	



Soil Vapor Extraction System			
Need	# of Units	Unit Cost	Total
1 Soil Vapor Extraction System			
Construction Specifications (Lump Sum)	0	\$ 9,000.00	\$0.00
Cleaning & Grubbing (per acre)	0	\$ 4,725.00	\$0.00
SYE Well Installation (per well, avg 6' deep) ⁸		\$ 600.00	\$0.00
Collection Trench Excavation (per linear foot, 24" wide, 2' deep) ⁷		\$ 60.00	\$0.00
Piping Installation (per linear foot)		\$ 30.00	\$0.00
Non-Haz Contaminated Soil Transport and Disposal (CY of well and trench spoil)		\$ 50.00	\$0.00
General Backfill for Trench (per CY, from 2' to 0' bgs)		\$ 20.00	\$0.00
Cat-Ox unit rental (monthly)	0	\$ 7,500.00	\$0.00
2000 lb Granular Activated Carbon Unit	0	\$ 6,000.00	\$0.00
Purchase New Carbon for 30 months of operation @ \$1 25/lb ⁸	0	\$ 2,500.00	\$0.00
Dispose of Waste Carbon for 30 months of operation @ \$2 00/lb ⁸	0	\$ 4,000.00	\$0.00
Blower	0	\$ 10,000.00	\$0.00
SVL Trailer	0	\$ 20,000.00	\$0.00
O&M (Years)	0	\$ 25,000.00	\$0.00
Submittals (Lump Sum) for Monthly or Quarterly Reports	0	\$ 10,000.00	\$0.00
Verification of Soil Remediation Samples	0	\$ 150.00	\$0.00
Electrical (lump sum)		\$ 10,000.00	\$0.00
Mechanical (lump sum)		\$ 15,000.00	\$0.00
Start up & Trouble Shoot		\$ 15,000.00	\$0.00
Site Restoration		\$ 12,000.00	\$0.00
Verification of Soil Remediation Samples	0	\$ 150.00	\$0.00
2 Consultant Oversight (per day)		\$ 600.00	\$0.00
3 15% Contingency			\$0.00
4 State Oversight Costs (5%)			\$0.00
Total Soil Vapor Extraction Cost:			\$0.00

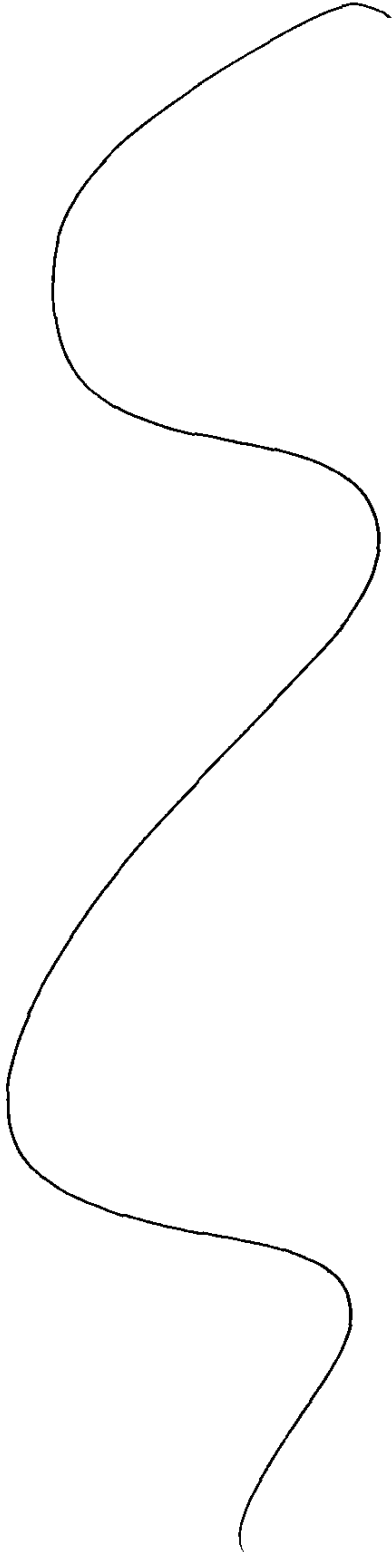
Groundwater Removal				
Need	# of Units	Unit Cost	Total	
1 Groundwater pumping to Frac Tank				
A 8 hours of pumping, Manned (per day)		\$1,760.00		\$0.00
B Frac Tank Delivery (per hour) - Assume 8 hours unless known		\$95.00		\$0.00
C Frac Tank Rental - 21,000 gal (per week)		\$266.00		\$0.00
D Frac Tank Decon (per hour) - Assume 8 hours unless known		\$145.00		\$0.00
2 Groundwater Disposal				
A Waste Water Characterization				
1) Full Scan ²		\$1,157.00		\$0.00
2) VOCs only		\$110.00		\$0.00
3) SVOCs only		\$221.00		\$0.00
4) Metals only		\$184.00		\$0.00
5) PCBs only		\$221.00		\$0.00
B Disposal Non-Hazardous Groundwater incl transportation (per gallon) ⁹		\$0.65		\$0.00
C Disposal Hazardous Groundwater (per gallon)		\$4.56		\$0.00
3 Groundwater Monitoring Wells				
4 Groundwater Confirmation Sampling				
A Full Scan ²				
B VOCs only		\$1,157.00		\$0.00
C SVOCs only		\$110.00		\$0.00
D Metals only		\$221.00		\$0.00
E PCBs only		\$184.00		\$0.00
5 Consultant Oversight (per day)		\$221.00		\$0.00
6 15% Contingency		\$600.00		\$0.00
7 State Oversight Costs (5%)				\$0.00
Total Groundwater Removal Cost:				\$0.00

Groundwater Treatment System				
Need	# of Units	Unit Cost	Total	
1 Groundwater Collection System Installation¹⁰				
Cleaning & Grubbing (per acre)	0	\$ 4,725.00		\$0.00
Collection Trench Excavation (per linear foot, 36" wide, 8' deep)		\$ 100.00		\$0.00
Non-Haz Contaminated Soil Transport and Disposal (Cubic Yard or CY)		\$ 50.00		\$0.00
Pea Gravel for Trench Backfill (per CY, from 8' to 4' bgs)		\$ 20.00		\$0.00
General Backfill for Trench (per CY, from 4' to 0' bgs)		\$ 20.00		\$0.00
Groundwater Well/Sump Installation (per well, whole crew, incl well installation)		\$ 3,000.00		\$0.00
Groundwater Recovery Pumps (per well, incl installation)		\$ 3,000.00		\$0.00
Air Compressor (10 Hp for pumps)	0	\$ 7,500.00		\$0.00
Piping Installation (per linear foot)		\$ 30.00		\$0.00
Co-Precipitation Remediation System - Purchase	0	\$248,000.00		\$0.00
Co-Precipitation Remediation System Installation	0	\$ 66,000.00		\$0.00
Treatment System Trailer - Purchase	0	\$ 20,000.00		\$0.00
Liquid Phase GAC Vessels for Carbon (1000 Lbs Capacity) - Purchase	0	\$ 3,500.00		\$0.00
Mechanical	0	\$ 18,000.00		\$0.00
Electrical	0	\$ 18,000.00		\$0.00
Sewer Connection & Permitting	0	\$ 15,000.00		\$0.00
Start up & Trouble Shoot	0	\$ 15,000.00		\$0.00
Site Restoration	0	\$ 12,000.00		\$0.00
2 Consultant Oversight (per day)	0	\$600.00		\$0.00
3 15% Contingency				\$0.00
4 State Oversight Costs (5%)				\$0.00
Total Groundwater Treatment Cost: \$0.00				
Groundwater System Monitoring and Operation for 10 Years¹¹				
Need	# of Units	Unit Cost	Total	
1 System O&M¹⁰				
Utilities (per year)		\$ 4,500.00		\$0.00
Wastewater Discharge (\$1 22/760 gallons)		\$ 12,000.00		\$0.00
Purchase of new carbon (1000 lbs per month @\$1 25/lb) Yearly amount is unit cost		\$15,000.00		\$0.00
Dispose of Carbon & Change Out (1000lbs/month @\$2/lb) - Hazardous Waste Yearly amount is unit cost		\$ 24,000.00		\$0.00
Sludge Disposal (4 ton/month @ \$300/ton, only for sludge from Co-precipitation) Yearly amount is unit cost		\$ 14,400.00		\$0.00
Monitoring - Materials - Yearly amount is unit cost		\$ 1,500.00		\$0.00
Reporting - Yearly amount is unit cost		\$ 3,500.00		\$0.00
Post Remediation Monitoring - Yearly amount is unit cost		\$ 8,500.00		\$0.00
2 15% Contingency				\$0.00
3 State Oversight Costs (5%)				\$0.00
Total Groundwater Monitoring and Operation Cost: \$0.00				

Miscellaneous Project Tasks			
1	Bid Documents and Contractor Procurement	1	\$5,000.00
2	Contractor Mobilization (5% of total project cost)		\$4,059.68
3	Closure Report (LS)	1	\$4,500.00
Total Miscellaneous Project Tasks:			\$13,559.68

Total for Site Remediation **\$94,753.18**

- ¹ Assume 50 feet btw borings
- ² If contaminant is unknown run "full scan"
- ³ SF of building multiplied by estimated height
- ⁴ If no Asbestos Survey has been completed, assume ordered demo of building
- ⁵ Assumed reinforced concrete
- ⁶ For sandy soil, assume 15' radius of influence, with wells 30' apart to cover entire plume
- ⁷ Measure distance to central location for SVE trailer from each well
- ⁸ First year - monthly, second year quarterly and remaining half year quarterly
- ⁹ Assume 1' of groundwater in bottom of entire excavation - Multiply excavation volume by 7.48 for estimated gallons
- ¹⁰ Trench installed width of plume on leading edge Use 0's in unit column if no groundwater remediation system
- ¹¹ Use only if "Groundwater Treatment" is chosen over removal Use 10's in unit column for estimated 10 years of O&M



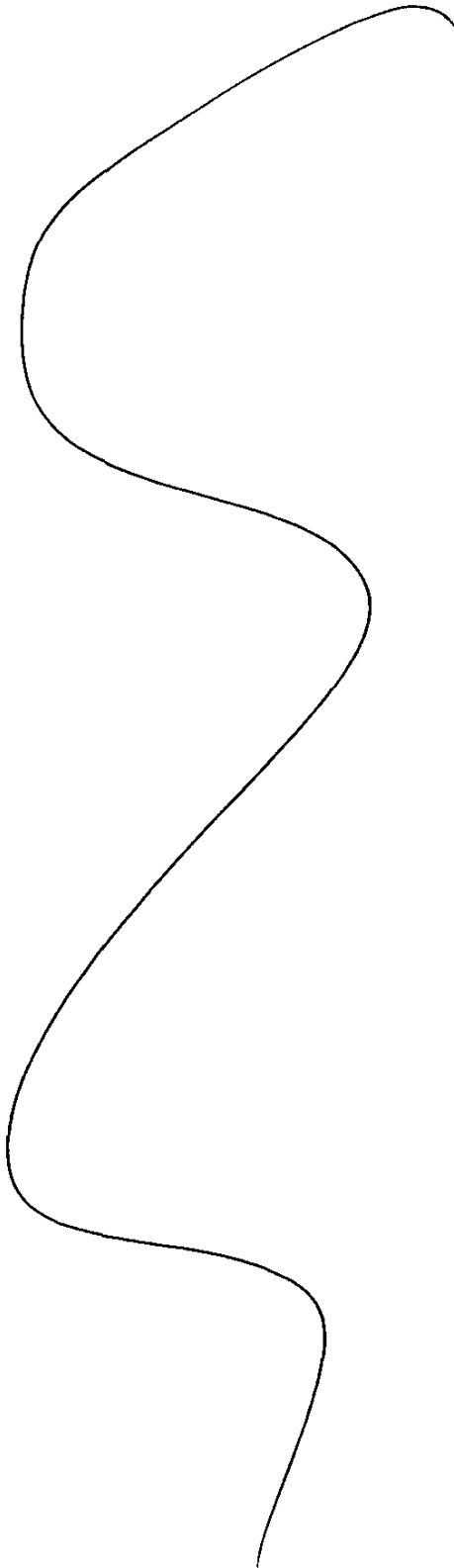


Michigan Department of Environmental Quality
Cost Table for Environmental Claims
65 E. University
Facility ID 0-0015260

Site Assessment				
Need	# of Units	Unit Cost	Total	
1 GeoProbe and crew for 7 borings Incl. temp. wells (per day) ¹	8	\$3,000.00	\$24,000.00	
2 Soil Samples (2 per boring) ²				
A Full Scan ²	112	\$1,157.00	\$129,584.00	
B VOCs only		\$110.00	\$0.00	
C SVOCs only		\$221.00	\$0.00	
D Metals only		\$184.00	\$0.00	
E PCBs only		\$221.00	\$0.00	
3 Water Samples (1 per boring)				
A Full Scan ²	56	\$1,157.00	\$64,792.00	
B VOCs only		\$110.00	\$0.00	
C SVOCs only		\$221.00	\$0.00	
D Metals only		\$184.00	\$0.00	
E PCBs only		\$221.00	\$0.00	
4 Consultant Oversight (per day)	8	\$600.00	\$4,800.00	
5 Investigation Report (LS)	1	\$3,000.00	\$3,000.00	
6 15% Contingency			\$33,926.40	
7 State Oversight Costs (5%)			\$13,005.12	
		Total Site Assessment Cost:	\$273,107.52	

Building Demolition				
Need	# of Units	Unit Cost	Total	
1 Asbestos Abatement Includes air monitoring and disposal (per linear ft. of pipe)		\$45.00	\$0.00	
2 Transformer Removal				
A Disposal Non-PCB Transformer Oil Incl transportation (per gal)		\$0.65	\$0.00	
B Disposal PCB Transformer Oil Incl transportation (per gal)		\$4.56	\$0.00	
3 Bldg Demo Includes Trucking and Disposal (per CF building standing) ³		\$0.37	\$0.00	
4 Ordered Demolition (per CF of building standing) ⁴		\$0.65	\$0.00	
5 Bldg Slab Demo Includes Trucking and Disposal (per SF of building slab) ⁵		\$6.30	\$0.00	
6 Consultant Oversight (per day)		\$600.00	\$0.00	
7 15% Contingency			\$0.00	
8 State Oversight Costs (5%)			\$0.00	
		Building Demolition Total:	\$0.00	

Soil Removal			
Need	# of Units	Unit Cost	Total
1 Soil Excavation and Disposal			
A Non-Hazardous Soil (per cubic yard)	700	\$50.00	\$35,000.00
B Hazardous Soil (per cubic yard)		\$150.00	\$0.00
2 Confirmation Sampling			
A Full Scan ²	10	\$1,157.00	\$11,570.00
B VOCs only		\$110.00	\$0.00
C SVOCs only		\$221.00	\$0.00
D Metals only		\$184.00	\$0.00
E PCBs only		\$221.00	\$0.00
3 Backfill and Compaction (per cubic Yard)	700	\$20.00	\$14,000.00
4 Consultant Oversight (per day)	2	\$600.00	\$1,200.00
5 15% Contingency	0		\$9,265.50
6 State Oversight Costs (5%)			\$3,551.78
Total Soil Removal Cost:			\$74,587.28



Soil Vapor Extraction System			
Need	# of Units	Unit Cost	Total
1 Soil Vapor Extraction System			
Construction Specifications (Lump Sum)	0	\$ 9,000.00	\$0.00
Cleaning & Grubbing (per acre)	0	\$ 4,725.00	\$0.00
SVE Well Installation (per well, avg 6' deep) ⁶		\$ 600.00	\$0.00
Collection Trench Excavation (per linear foot, 24" wide, 2' deep) ⁷		\$ 60.00	\$0.00
Piping Installation (per linear foot)		\$ 30.00	\$0.00
Non-Haz Contaminated Soil Transport and Disposal (CY of well and trench spoil)		\$ 50.00	\$0.00
General Backfill for Trench (per CY, from 2' to 0' bgs)		\$ 20.00	\$0.00
Cat-Ox unit rental (monthly)	0	\$ 7,500.00	\$0.00
2000 lb Granular Activated Carbon Unit	0	\$ 6,000.00	\$0.00
Purchase New Carbon for 30 months of operation @ \$1.25/lb ⁸	0	\$ 2,500.00	\$0.00
Dispose of Waste Carbon for 30 months of operation @ \$2.00/lb ⁸	0	\$ 4,000.00	\$0.00
Blower	0	\$ 10,000.00	\$0.00
SVE Trailer	0	\$ 20,000.00	\$0.00
O&M (Years)	0	\$ 25,000.00	\$0.00
Submittals (Lump Sum) for Monthly or Quarterly Reports	0	\$ 10,000.00	\$0.00
Verification of Soil Remediation Samples	0	\$ 150.00	\$0.00
Electrical (lump sum)		\$ 10,000.00	
Mechanical (lump sum)		\$ 15,000.00	
Start up & Trouble Shoot		\$ 12,000.00	
Site Restoration		\$ 150.00	
Verification of Soil Remediation Samples	0	\$ 150.00	\$0.00
2 Consultant Oversight (per day)		\$ 600.00	\$0.00
3 15% Contingency			\$0.00
4 State Oversight Costs (5%)			\$0.00
Total Soil Vapor Extraction Cost:			\$0.00

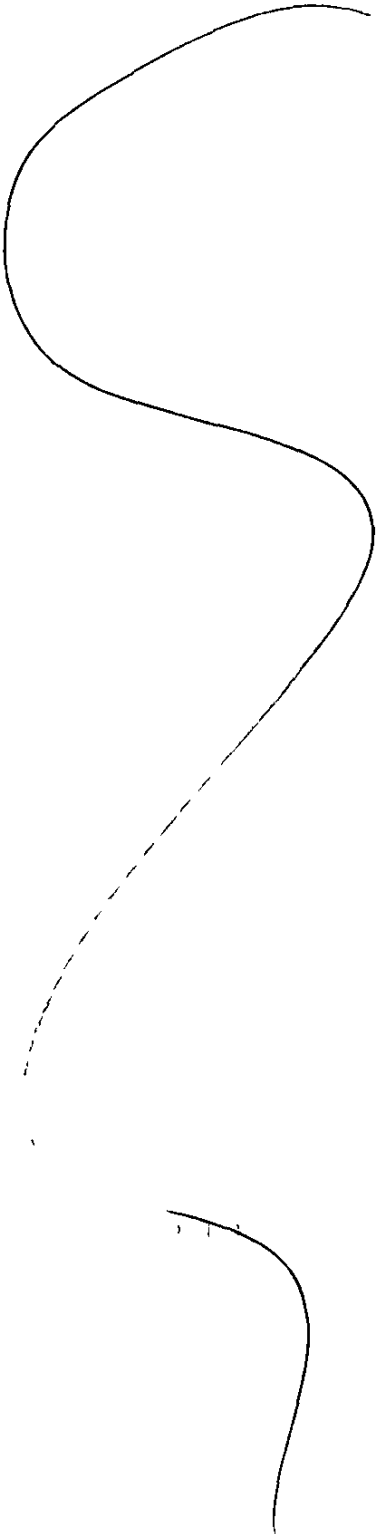
Groundwater Removal				
Need		# of Units	Unit Cost	Total
1 Groundwater pumping to Frac Tank				
A 8 hours of pumping, Manned (per day)			\$1,760.00	\$0.00
B Frac Tank Delivery (per hour) - Assume 8 hours unless known			\$95.00	\$0.00
C Frac Tank Rental - 21,000 gal (per week)			\$266.00	\$0.00
D Frac Tank Decon (per hour) - Assume 8 hours unless known			\$145.00	\$0.00
2 Groundwater Disposal				
A Waste Water Characterization				
1) Full Scan ²	1		\$1,157.00	\$1,157.00
2) VOCs only			\$110.00	\$0.00
3) SVOCs only			\$221.00	\$0.00
4) Metals only			\$184.00	\$0.00
5) PCBs only			\$221.00	\$0.00
B Disposal Non-Hazardous Groundwater incl transportation (per gallon) ⁹	110		\$0.65	\$71.50
C Disposal Hazardous Groundwater (per gallon)			\$4.56	\$0.00
3 Groundwater Monitoring Wells				
	20		\$450.00	\$9,000.00
4 Groundwater Confirmation Sampling				
A Full Scan ²	80		\$1,157.00	\$92,560.00
B VOCs only			\$110.00	\$0.00
C SVOCs only			\$221.00	\$0.00
D Metals only			\$184.00	\$0.00
E PCBs only			\$221.00	\$0.00
5 Consultant Oversight (per day)	14		\$600.00	\$8,400.00
6 15% Contingency				\$16,678.28
7 State Oversight Costs (5%)				\$6,393.34
Total Groundwater Removal Cost:				\$134,260.11

Groundwater Treatment System				
Need	# of Units	Unit Cost	Total	
1 Groundwater Collection System Installation¹⁰				
Cleaning & Grubbing (per acre)	0	\$ 4,725.00		\$0.00
Collection Trench Excavation (per linear foot, 36" wide, 8' deep)		\$ 100.00		\$0.00
Non-Haz Contaminated Soil Transport and Disposal (Cubic Yard or CY)		\$ 50.00		\$0.00
Pea Gravel for Trench Backfill (per CY, from 8' to 4' bgs)		\$ 20.00		\$0.00
General Backfill for Trench (per CY, from 4' to 0' bgs)		\$ 20.00		\$0.00
Groundwater Well/Sump Installation (per well, whole crew, incl well installation)		\$ 3,000.00		\$0.00
Groundwater Recovery Pumps (per well, incl installation)		\$ 3,000.00		\$0.00
Air Compressor (10 Hp for pumps)	0	\$ 7,500.00		\$0.00
Piping Installation (per linear foot)		\$ 30.00		\$0.00
Co-Precipitation Remediation System - Purchase	0	\$248,000.00		\$0.00
Co-Precipitation Remediation System Installation	0	\$ 66,000.00		\$0.00
Treatment System Trailer - Purchase	0	\$ 20,000.00		\$0.00
Liquid Phase GAC Vessels for Carbon (1000 Lbs Capacity) - Purchase	0	\$ 3,500.00		\$0.00
Mechanical	0	\$ 18,000.00		\$0.00
Electrical	0	\$ 18,000.00		\$0.00
Sewer Connection & Permitting	0	\$ 15,000.00		\$0.00
Start up & Trouble Shoot	0	\$ 15,000.00		\$0.00
Site Restoration	0	\$ 12,000.00		\$0.00
2 Consultant Oversight (per day)	0	\$600.00		\$0.00
3 15% Contingency				\$0.00
4 State Oversight Costs (5%)				\$0.00
Total Groundwater Treatment Cost: \$0.00				
Groundwater System Monitoring and Operation for 10 Years¹¹				
Need	# of Units	Unit Cost	Total	
1 System O&M¹⁰				
Utilities (per year)		\$ 4,500.00		\$0.00
Wastewater Discharge (\$1 227/80 gallons)		\$ 12,000.00		\$0.00
Purchase of new carbon (1000 lbs per month @\$1 25/lb) Yearly amount is unit cost		\$15,000.00		\$0.00
Dispose of Carbon & Change Out (1000lbs/month @ \$2/lb) - Hazardous Waste Yearly amount is unit cost		\$ 24,000.00		\$0.00
Sludge Disposal (4 ton/month @ \$300/ton, only for sludge from Co-precipitation) Yearly amount is unit cost		\$ 14,400.00		\$0.00
Monitoring - Materials - Yearly amount is unit cost		\$ 1,500.00		\$0.00
Reporting - Yearly amount is unit cost		\$ 3,500.00		\$0.00
Post Remediation Monitoring - Yearly amount is unit cost		\$ 8,500.00		\$0.00
2 15% Contingency				\$0.00
3 State Oversight Costs (5%)				\$0.00
Total Groundwater Monitoring and Maintenance and Operation Cost: \$0.00				

<i>Miscellaneous Project Tasks</i>			
1	Bid Documents and Contractor Procurement	1	\$5,000.00
2	Contractor Mobilization (5% of total project cost)		\$24,097.75
3	Closure Report (LS)	1	\$4,500.00
Total Miscellaneous Project Tasks:			\$33,597.75

Total for Site Remediation: **\$515,562.65**

- ¹ Assume 50 feet btw borings
- ² If contaminant is unknown run "full scan"
- ³ SF of building multiplied by estimated height
- ⁴ If no Asbestos Survey has been completed, assume ordered demo of building
- ⁵ Assumed reinforced concrete
- ⁶ For sandy soil, assume 15' radius of influence, with wells 30' apart to cover entire plume
- ⁷ Measure distance to central location for SVE trailer from each well
- ⁸ First year - monthly, second year quarterly and remaining half year quarterly
- ⁹ Assume 1' of groundwater in bottom of entire excavation - Multiply excavation volume by 7.48 for estimated gallons
- ¹⁰ Trench installed width of plume on leading edge Use 0's in unit column if no groundwater remediation system
- ¹¹ Use only if "Groundwater Treatment" is chosen over removal Use 10's in unit column for estimated 10 years of O&M



UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE

MOTORS LIQUIDATION COMPANY, et al,
/k/a General Motors Corp , et al

Chapter 11

Case No 09-50026 (REG)

Debtors

(Jointly Administered)

AFFIDAVIT OF KEVIN D. LUND

I, Kevin D Lund, first being duly sworn, depose and say

1 I am employed as a Senior Geologist for the Remediation and Redevelopment Division (RRD) of the Michigan Department of Environmental Quality (MDEQ) and located in the Jackson District Office, Jackson, Michigan. I have been employed in the environmental business since 1991 working for consulting firms and the MDEQ. I have been employed by the MDEQ for approximately five years and in the senior geologist position for all those years. As a senior geologist, I have also acted as the Project Manager for several sites of environmental contamination.

2 I make this affidavit on personal knowledge acquired during the course of my employment and, if called as a witness, could competently testify.

3 As a senior geologist and Project Manager with RRD, I provide technical assistance for other MDEQ staff, environmental consultants, communities, and the public, and ensure consistency through standardized interpretation and application of the rules, policies, and procedures.

4 As a senior geologist and project manager, my responsibilities include overseeing the identification, investigation, and evaluation of sites where hazardous substances have been released into the environment. I review response activities conducted by private parties to determine compliance with state environmental regulations, including hydrogeological

investigations, feasibility studies, interim response activities, and remedial action plans. In addition, I coordinate my review of sites of environmental contamination with toxicologists, engineers, geologists and compliance and enforcement staff.

5 To prepare for this affidavit, I reviewed MDEQ files for technical and administrative information about various sites. I also reviewed information prepared by Motors Liquidation Company's (MLC) consultants, LFR an ARCADIS Company and Claro Group, LLC.

GM Hydramatic (aka GMP Willow Run)

6 I am the senior geologist familiar with the GM Hydramatic (aka GMP Willow Run) site of environmental contamination located at located at 2930 Ecorse Road in Ypsilanti, Michigan. The site is currently owned by MLC. This property is referred to in the MDEQ RRD files as GM Hydramatic, MERA # 81000019, Facility ID 0-0003522, and in the Waste and Hazardous Materials Files as a Resource Conservation and Recovery Act (RCRA) facility known as General Motors Hydra Matic MID980587893. The GM Hydramatic facility is regulated under RCRA as a Treatment Storage and Disposal Facility (TSDF).

7 The facility was initially built on farm land adjacent to Willow Run Creek, Tyler Pond and Willow Run Airport. Ford Motor Company built the facility with the intention to manufacture B-24 Bombers for World War II. After the war, Kaiser-Fraser purchased the plant from Ford to produce automobiles and C-119 and C-123 planes. In 1953, GM bought the plant to replace GM's burned automobile transmission manufacturing facility located in Livonia. The operations have primarily included machining, cleaning and painting metal parts and products. The GM Hydramatic facility includes extensive areas of environmental contamination in soil and groundwater. The facility includes approximately 321 acres of land and approximately 4.8 million square feet of building.

8 Light Non-Aqueous Phase Liquids (LNAPL) is the key regulatory driver at the facility. The proximity of the LNAPL plume adjacent to the surface water bodies including Tyler Pond, Willow Run Creek, and Belleville Lake put these surface water bodies at risk to become impacted by the LNAPL. LNAPL is a floating product that consists of gasoline, diesel, waste oils mixed with polychlorinated biphenyls (PCBs) and metals, and glycol. The groundwater is contaminated by floating product mixtures and impacted by volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), PCBs and heavy metals. MDEQ files contain limited information regarding the vertical and lateral extent of LNAPL and groundwater contamination. The leaking underground storage tank (UST) program has identified the following open UST releases that have not been properly addressed and that resulted from leaking underground storage tanks, C-0102-90, C-2739-91, C-1745-91, C-1744-91, C-1772-91, and C-2005-91. Over 80 underground storage tanks have been removed from the facility.

9 During the 1980's and 1990's, GM initiated limited investigative and remedial efforts including soil boring and monitoring wells, and the installation of several LNAPL recovery systems. The LNAPL recovery systems were installed and operated by various vendors, using different technologies, and were generally not consistently operated or maintained. Up until 2004, GM consultants reported to the MDEQ an estimated 50,000 gallons of LNAPL existing on site.

10 Recently GM has reported that LNAPL plumes may extend offsite to adjacent properties including the Willow Run Airport property and nearby surface water bodies and although the exact volume of LNAPL is unknown, it is estimated to be between 5,000,000 and 15,000,000 gallons based on an areal extent of between 25 and 45 acres and a thickness range from less than an inch to nearly three feet.

11 The volume of free floating product or LNAPL can be calculated from the areal extent of the LNAPL and the average thickness of the LNAPL using the following formula:

$$(\text{Average Thickness in feet}) \times (\text{Area in square feet}) \times (0.25 \text{ porosity of the aquifer}) \times (7.48 \text{ gallons per cubic foot}) = \text{gallons of LNAPL}$$

12 Below are my own LNAPL estimates, based on varying LNAPL thicknesses and varying acreage

LNAPL Average Thickness	Area (acres)	Porosity of Soil	Volume of LNAPL (gallons)	Comments
(1/8 inch)	25	0.35	29,650	Minimum LNAPL levels required by the State of Michigan to recover
(1/8 inch)	45	0.35	53,370	Minimum LNAPL levels required by the State of Michigan to recover
1 foot	25	0.35	2,851,002	One foot average LNAPL thickness over 25 acres
1 foot	45	0.35	5,131,804	One foot average LNAPL thickness over 45 acres
2 feet	25	0.35	5,702,004	Two feet average LNAPL thickness over 25 acres
2 feet	45	0.35	10,263,607	Two feet average LNAPL thickness over 45 acres
3 feet	25	0.35	8,553,006	Three feet average LNAPL thickness over 25 acres
3 feet	45	0.35	15,395,411	Three feet average LNAPL thickness over 45 acres

13 LNAPL consisting of gasoline, waste oil, diesel solvents, PCBs and anti-freeze solutions will affect the disposal options and cost. More expensive and complicated disposal of LNAPL will be required to follow the Toxic Substance Control Act (TSCA) incineration of PCBs and RCRA disposal alternatives. I assumed for cost estimating that LNAPL beneath the site, will be disposed in accordance with RCRA disposal practices.

14 Assuming that site remediation may require over 400 recovery wells, hydraulic controls to contain the LNAPL from reaching the surface water and disposal of LNAPL in accordance with RCRA and assuming that both M/C's own estimate and my estimates of 5,000,000 to 15,000,000 gallons of LNAPL can be relied on and using United States Department of Defense (DOD)¹ published remediation operational cost range from \$10 to \$127 per gallon of LNAPL. I estimate the reasonable remedial cost (using LNAPL volume ranges and the DOD's

¹ Environmental Security Technology Certification Program, US Department of Defense, Cost & Performance Report, ESTCP Project #CL-9908, January 2004.

lowest cost per gallon to remediate LNAPL) should be in the range of \$50,000 000 to \$150,000,000

15 I reviewed GM's own LNAPL experience as described in a peer reviewed paper dated 2006² in which GM's consultant (Conestoga-Rovers & Associates Ltd) described the implementation of an aggressive LNAPL recovery system located at a GM facility in Canada. GM recovered 3,685 gallons of LNAPL between 2005 and 2006. The LNAPL remediation system used 12 recovery wells and it was decommissioned when the LNAPL recovery rate was less than 2 gallons per day. The cost per gallon of LNAPL goes up significantly as the recovery rate of LNAPL goes down over time. GM reported the cost to recover LNAPL ranged from \$25 to \$900 per gallon. Using the lowest cost per gallon to recover LNAPL and an estimate of 5,000 000 gallons of LNAPL, a reasonable estimate to remediate LNAPL and perform future response activities at the GM Hydramatic facility is **\$125,000,000**. Given the proximity and areal extent I believe the LNAPL and/or contaminated groundwater may have reached the surface water bodies and will have an adverse impact on the natural resources if left unchecked.

GM Willow Run Assembly and Company Vehicle Operations
(aka Midsize and Luxury - Willow Run and CVO)

16 I am the senior geologist for the GM Willow Run Assembly and Company Vehicle Operations (aka Midsize and Luxury - Willow Run and CVO) 81000496 site of environmental contamination located at 2625 and 2901 Tyler Road in Ypsilanti, Michigan. I have been the senior geologist for this facility since March 2009. The site is currently owned by Willow Run Business Center LLC and MI C. This property is referred to in the MDEQ RRD files as GM-Willow Run Assembly and CVO, located at 2625 and 2901 Tyler Road in Ypsilanti, Michigan and in the Waste and Hazardous Materials File as RCRA GM Willow Run Assembly MID 005356795. GM Willow Run Assembly facility is regulated under RCRA as a TSDF.

² Remediation Endpoints Factors for Consideration when Determining Appropriate Remediation Endpoints for Aggressive LNAPL Recovery. Rem Tech 2006. Banff Alberta. David J. Cushman. Conestoga Rovers & Associates, Ltd., Robert W. Hare. General Motors Corporation. <http://www.remtech2008.com/remtech/2006/pdf/06-cushman-robertes-2.pdf>

17. The GM Willow Run Assembly and Company Vehicle Operations facility includes areas of environmental contamination located south of the GM Hydramatic Facility. The GM facilities are separated by the Willow Run Creek and Tyler Pond. The surface water bodies are the nearest receptor for each facility.

18. Current environmental issues and future remedial actions are outlined below.

a. PAOC² 18 is essentially in an Interim Response Activity (IRA) phase. Dense nonaqueous phase liquid (DNAPL) continues to be recovered from behind the sheet pile wall installed in 2004. The sheet pile was installed to prevent continued migration of DNAPL toward Tyler Pond. DNAPL is a heavier than water product that consists of a mixture that sinks in the aquifer. The DNAPL generally consists of VOCs, PCBs and SVOCs at percent level concentrations. All recovered DNAPL is sent to Texas for destruction in a TSCA-permitted incinerator based on the presence of TCE (40%) and PCBs (1.5%) in the DNAPL. Recent developments include the presence of trichloroethene (TCE), cis-1,2-dichloroethene and vinyl chloride at one of the groundwater surface water interface (GSI) compliance points, GS-8. GM notified the MDH-Q that the contaminated groundwater is starting to migrate around the sheet piling allowing contamination to reach Tyler Pond at concentrations that exceed the Final Acute Value (FAV) Criterion. A concentration above the FAV is known to have an acute impact on flora and fauna. MDEQ requires immediate remediation where contamination exceeds the FAV. Based on these developments, an extension of the sheet wall to preclude contaminated soil, groundwater and DNAPL migration into Tyler Pond is absolutely necessary. Based on the findings a more aggressive DNAPL recovery with a more robust recovery system is required to protect the natural resource. The soil contaminated with DNAPL should be excavated and transported for thermal destruction at a TSCA-permitted incinerator.

b. PAOC² 19 is essentially a proxy for site-wide groundwater and currently is in the investigation phase. Compounds of concern include VOCs, SVOCs and LNAPL. Recovery of LNAPL/DNAPL is required before consideration of Monitored Natural Attenuation (MNA) of dissolved VOCs and SVOC constituents. It is likely that LNAPL/DNAPL recovery along with

² The term "PAOC" refers to a potential area of concern as that term is used in the RCRA program.

groundwater treatment will be necessary for several years followed by MNA sampling for several years. It is also likely that a barrier wall containment system to mitigate migration of LNAPL/DNAPL and contaminated groundwater to Tyler Pond will be necessary. Groundwater extraction and LNAPL/DNAPL recovery could likely continue for up to 30 years after installation of the barrier wall.

c. PAOC 23 is in the In situ Reactive Zone (IRZ) phase. Soil gas emissions are an exposure concern at this location. Indoor air VOCs are reportedly above OSHA standards in portions of the building at PAOC 23. VOCs and SVOCs are the primary contaminants of concern.

d. PAOC 24 currently is in the investigation phase. Fuel-type contaminants have been found in soils at this location. It is anticipated that contaminated soil will be excavated and disposed followed by limited in-situ groundwater treatment and long term groundwater monitoring.

19. Additional investigations to better define the extent of the DNAPL/LNAPL plume and overall site conditions may be necessary depending on the outcome of the current investigation. It may be necessary to extend the barrier wall immediately south of Tyler Pond and implement a more aggressive LNAPL/DNAPL and groundwater recovery system to prevent its escape. I anticipate that it will be necessary to continue the implementation of the IRZ at PAOCs 23 and 24 and continue quarterly groundwater monitoring on the GM Willow Run Assembly and Company Vehicle Operations facility. Using my best professional judgment and based on the available information, \$7,936,500 represents a reasonable estimate for future response activity at this Site.

Textile Road Dump Site

20. I am the senior geologist for the Textile Road Dump site (81000038) located at southeast corner of Textile Road and Bunton Road in Ypsilanti Township, Michigan and includes areas of environmental contamination. The site is currently owned by MLC. A

removal action was completed between 1999 and 2000 at the facility pursuant to the Administrative Order by Consent with the USEPA (Docket No. V-W-99-C-562). Approval of the Removal Action by the USEPA was issued on May 2, 2001. This property is referred to in the MDEQ files as Textile Road Dump.

21. The property is currently in post closure care. Requirements include maintaining fencing and site security. Based on my best professional judgment and the limited information available, \$165,000 represents a reasonable estimate for future response activities at the site.

G M C Adrian Plant

22. I am the Senior Geologist for the Inland Division G M C Adrian Plant environmental contamination located at 1450 East Beecher Street in Adrian, Michigan. The site is currently owned by Delphi Automotive Systems, LLC. This property is referred to in the MDEQ files as General Motors Inland Division, located at 1450 East Beecher Street in Adrian, Michigan. I have been the Senior Geologist for this facility since March 2009.

23. The Inland Division G M C Adrian Plant facility includes areas of environmental contamination. In 1989, soil contamination was detected during the removal of a 1,500 gallon gasoline tank. At the time of the release, the former General Motors Corporation, now known as MLC, owned and operated this facility and was responsible for the release of the gasoline. Subsequently, the Delphi Corporation acquired and operated this facility. However, MLC remains liable for the release of gasoline under Part 213³ as the owner and operator who is liable under Part 201⁴. Monitoring wells were installed in November 1995 and groundwater was found to be contaminated. A Final Assessment Report (FAR) was submitted on September 12, 1996. According to the Corrective Action Plan (CAP), Delphi was planning to monitor the groundwater for a minimum of two years or until the clean up criteria had been reached and then submit a Closure Verification Report. At the time of the submittal free product⁵ had already

³ Part 213, Leaking Underground Storage Tank, 1994 PA451, as amended Natural Resources Environmental Protection Act (NREPA)

⁴ Part 201, Environmental Remediation, 1994 PA 451 as amended NREPA

⁵ As defined in Part 213

been detected in one well MDEQ received the first annual groundwater monitoring report in July, 1997. That was the last groundwater monitoring report received MDEQ continued to receive Free Product Status Reports until 2005. At that time the consultant reported that free product had not been detected for 6 quarters so Delphi would no longer be looking for free product. Delphi has never submitted a Closure Verification Report.

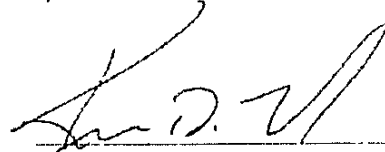
24 In order to bring the site to closure, MIC the causationally liable party needs to submit a revised FAR and CAP. At the minimum the CAP should include sampling the existing monitoring wells for a minimum of eight quarters to determine if the groundwater meets closure criteria.

25 Using best professional judgment, the total estimated future cost for the groundwater testing and document submittal to meet the requirements of Part 213 is likely to exceed \$50,000.

26 The above estimated future costs were developed assuming that MDEQ may have to conduct all future response activities for these sites. Additional unknown environmental conditions may exist that could significantly increase the estimated future response costs.

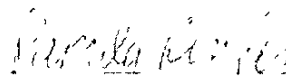
27 A summary table is presented as Attachment A.

28 Attachment B is an aerial photograph of the Ypsilanti area where both GM Hydromatic and GM Willow Run Assembly are shown.

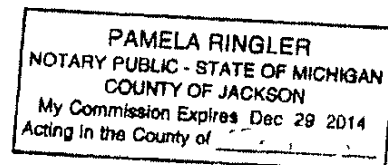


Kevin D. Lund, C.P.G., P.E.

Subscribed and sworn to before me
this 24 day of October, 2009



Notary Public



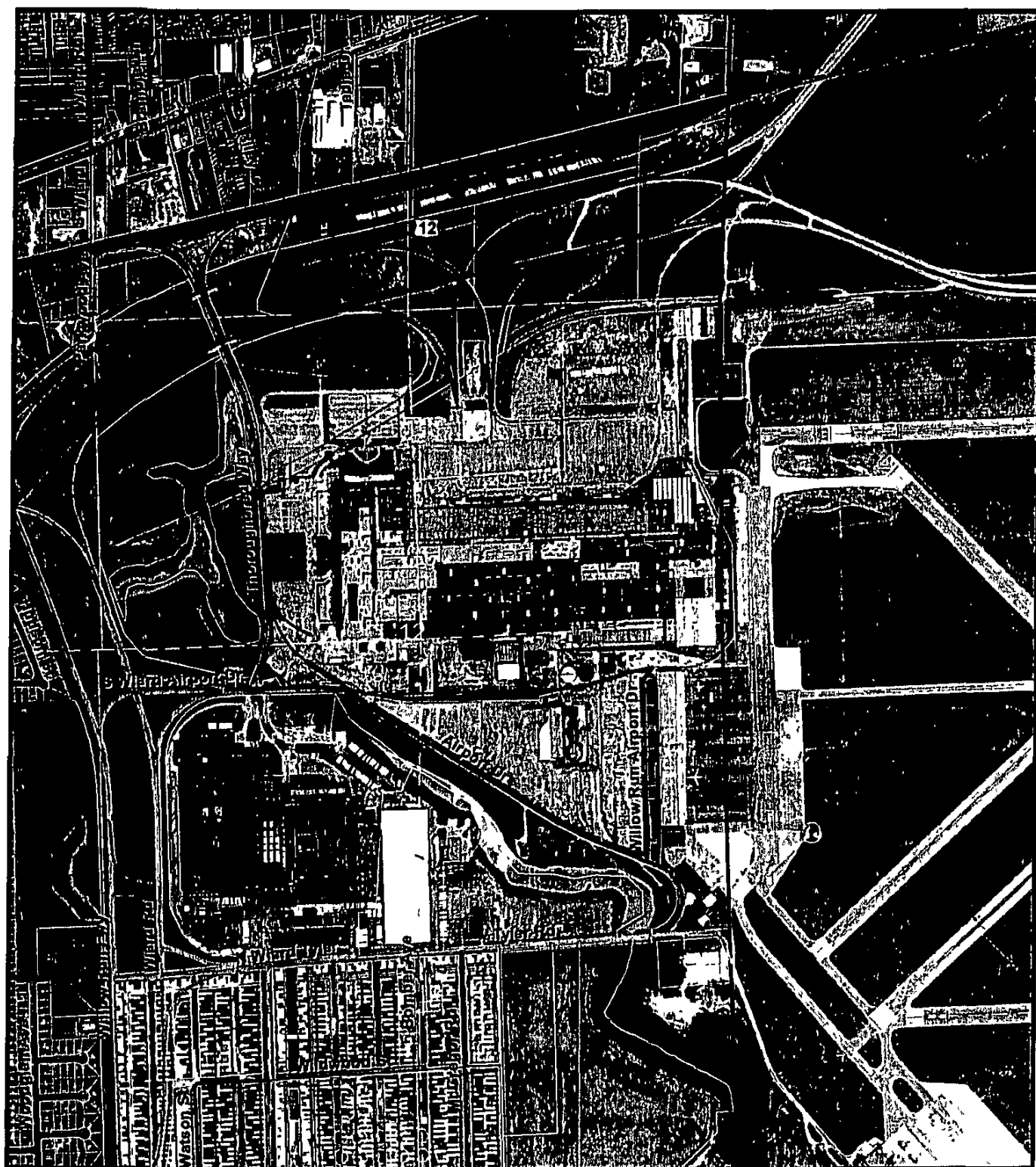
MOTORS LIQUIDATION COMPANY, et al,
f/k/a General Motors Corp , et al

Chapter 11
Case No 09-50026 (REG)

AFFIDAVIT OF
Kevin D Lund
Summary Table

Attachment A

Site Name	Address	City	State	Ownership	State of Michigan Future Cost Estimate	Comments
GM Hydramatic	2930 Ecorse Road	Ypsilanti	MI	MLC	\$125,000,000	No Active Remediation Site Uncharacterized Need to recover and contain 15 million gallons of LNAPL
Willow Run Company Vehicle Operations - CVO	2901 Tyler Road	Ypsilanti	MI	MLC	\$7,936,500	Remediation Site Partially Characterized, Groundwater remediation and monitoring
Textile Road Landfill	Textile Road	Ypsilanti	MI	MLC	\$165,000	Cleanup Complete O&M and/or Monitoring
General Motors Inland Division	1450 East Beecher Street	Adrian	MI	DELPHI AUTOMOTIVE SYSTEMS LLC	\$50,000	No Active Remediation Groundwater Sampling
Total \$ 133,151,500						



Location Map



0 850 1,700

Feet

1 inch = 1,067 2 feet



Geographic Information System

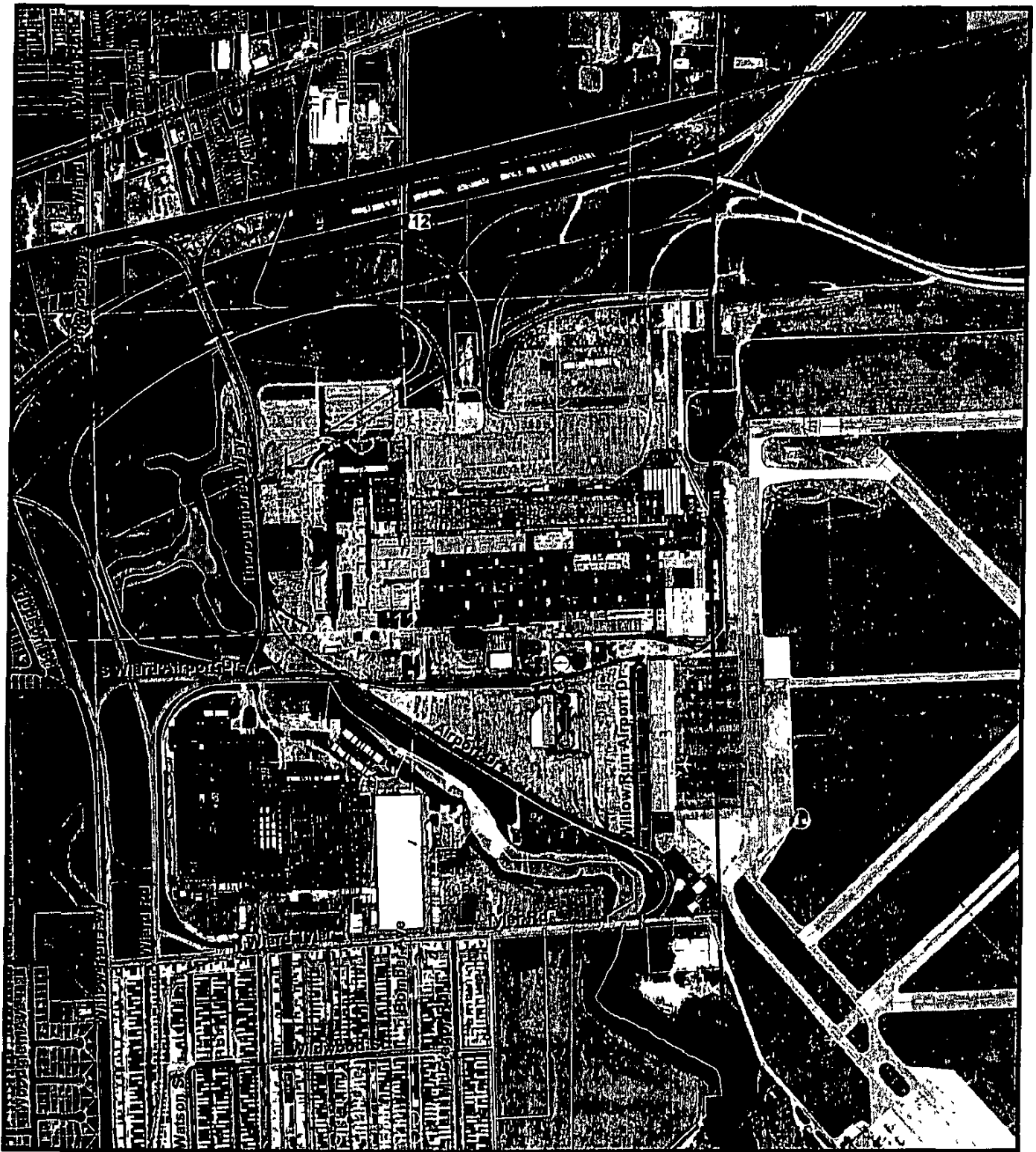
The information contained in this cadastral map is used to locate identity and ownership parcels of land in Washington County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any examination of legal status of this data is upon the disclaimer.

NOTE: PARCELS MAY NOT BE TO SCALE

GIS Map Print

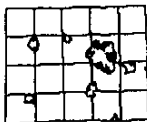
THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-8882.

Date Printed 10/29/2009



GIS Map Print

Location Map



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Feet
1 inch = 1,067.2 feet

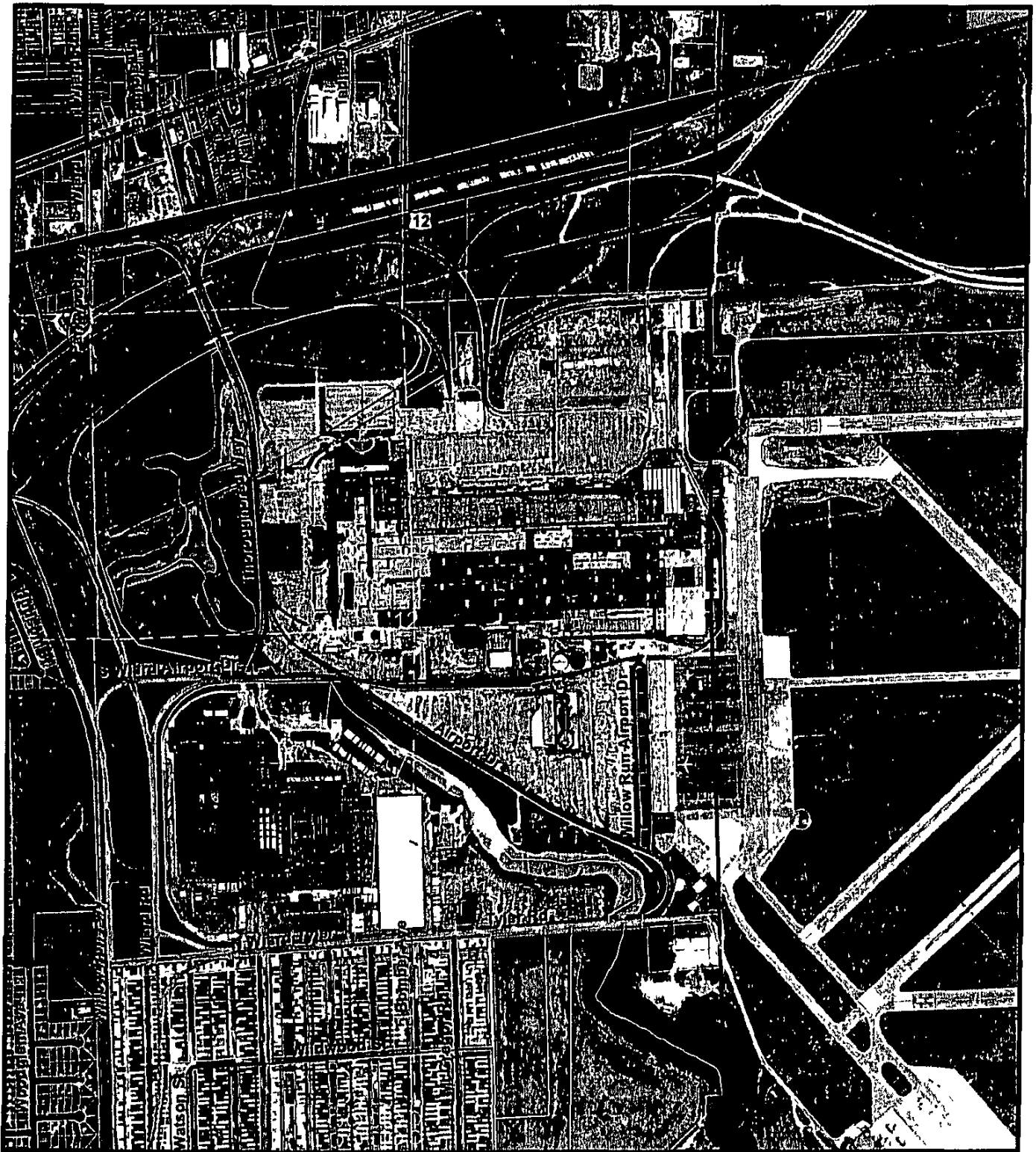


The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes, only and is not to be construed as a "survey description". The information is provided with the understanding that the user assumes all responsibility for the use. Any assumption of legal status of this data is hereby disclaimed.

NOTE: PARCELS MAY NOT BE TO SCALE

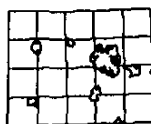
THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662

Date Printed 10/29/2009



GIS Map Print

Location Map



0 850 1,700
Feet
1 inch = 1,067.2 feet



The information contained in this computerized map is used to locate, identify and inventory parcels of land in Washtenaw County for operational and taxing purposes only and is not to be construed as a survey depiction. The information is provided with the understanding that the user is aware that such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

NOTE: PARCELS MAY NOT BE TO SCALE

THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-8862.

Date Printed: 10/29/2009

UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE:

Motors Liquidation Corporation
(f/k/a General Motors Corporation)

Debtors

Chapter 11
Case No. 09-50026 (REG)
(Jointly Administered)

AFFIDAVIT OF ERIC L. VAN RIPER

I, Eric L. Van Riper, first being duly sworn, depose and say:

1. I am currently employed as a Senior Environmental Quality Analyst for the Remediation and Redevelopment Division (RRD) of the Michigan Department of Environmental Quality (MDEQ) in the Lansing District Office, Lansing, Michigan. I have been employed by the MDEQ since October 1989.
2. My responsibilities include coordinating and overseeing the identification, investigation, and evaluation of sites where hazardous substances have been released into the environment. I oversee the preparation, review and approval of remedial action plans, interim responses work plans and reports, remedial investigation work plans and reports, and closure reports.
3. The Windiate Park/Dixieland Landfill site is the location of a former landfill that was used by General Motors Corporation in the 1940's and 1950's for the disposal of industrial waste material. The landfill is located near Milton and Pengelly Streets in the City of Flint, Michigan.

Affidavit of Eric L. Van Riper

2

November 20, 2009

4. General Motors Corporation is the current owner of several residential lots that are part of the Windiate Park/Dixieland Subdivision Landfill site. The City of Flint is the current owner of the park property.
5. In May 1994, the Windiate Park/Dixieland Landfill site was identified as a site of environmental contamination pursuant to Part 201 of the Natural Resources and Environmental Protection Act, PA 451 of 1994, as amended
6. On August 24, 1994, the MDEQ provided written notice to General Motors Corporation that identified them as a potential liable party for the contamination at the Windiate Park/Dixieland Subdivision Landfill site.
7. In October 1994, I was assigned as the RRD project manager for the Windiate Park/Dixieland Subdivision Landfill site in Flint, Michigan.
8. From October 1994 to the present, I worked closely with General Motor's Corporation and their consultant, O'Brien & Gere Engineers, Inc., as they conducted remedial investigation activities and response actions to address the contamination at the Windiate Park/Dixieland Subdivision Landfill site.
9. The remaining issues that are required to address the site under Part 201 of NREPA include. Finalization of a legal agreement and restrictive covenant with the MDEQ;

Affidavit of Eric L. Van Riper

3

November 20, 2009

construction and installation of three permanent markers; and long term operation and maintenance activities associated with the landfill soil cover.

10 Using best professional judgment, the total estimated future costs associated with the construction and installation of permanent markers and operation and maintenance activities associated with the soil cover to meet the requirements of Part 201 of the NREPA, PA 451, as amended, is approximately \$136,640.

11. The above estimated future costs were developed using the following assumptions:

Approximately \$20,000 for the construction and placement of three permanent markers at entrances to the park that advise users of the park that the park is contaminated and the appropriate restrictions of park use; approximately \$3,888 in annual operation and maintenance costs associated with maintaining the landfill cap for a total of 30 years with a total cost of \$116,640

12 The above estimated future costs were developed assuming that the State of Michigan conducts all future response activities at this site. Additional unknown environmental conditions may exist at this facility that could significantly increase the future response costs.

Affidavit of Eric L. Van Riper

4


November 20, 2009

Respectfully Submitted

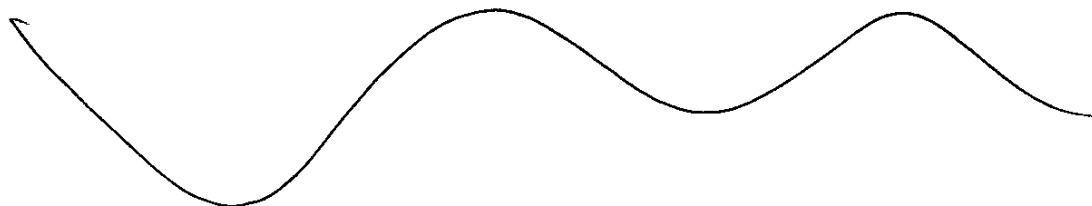
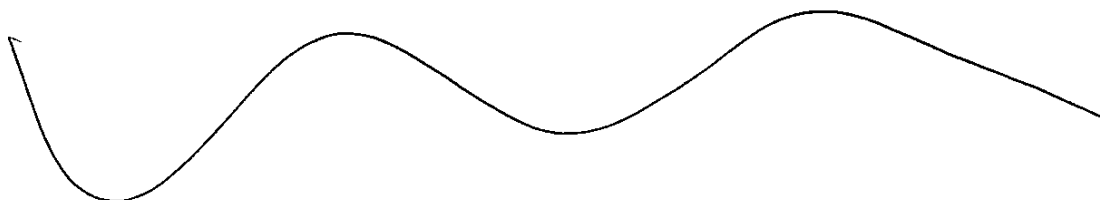
Nov 20, 2009
Date


Eric L. Van Riper

Subscribed and sworn to before me this 20 day of November,
2009.


RACHEL R. McLeod Notary Public
My Commission Expires April 22, 2015
Ingham County

RACHEL R. McLEOD
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF INGHAM
My Commission Expires April 22, 2015



UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK

In re	Chapter 11
MOTORS LIQUIDATION COMPANY et al, f/k/a General Motors Corp., et al.,	Case No. 09-50026 (REG)
Debtors	(Jointly Administered)

AFFIDAVIT OF MARK D. DUCHARME

I, Mark D. DuCharme, being first duly sworn, state:

I have been employed as a Senior Environmental Quality Analyst/Project Manager by the Michigan Department of Environmental Quality (MDEQ) in Kalamazoo, Michigan (formerly in Plainwell, Michigan), for 20 years. My duties include the inspection, identification, investigation, and evaluation of sites where hazardous substances may have been released into the environment. My responsibilities also include evaluating and managing the implementation of environmental response activities directed at abating the conditions created by a release or threat of release of hazardous substances. These activities are conducted under the authority of Part 201 of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), Michigan Compiled Laws (MCL) 324.20101 *et seq*; Part 31 of the NREPA, MCL 324.3101 *et seq*, Part 111 of the NREPA, MCL 324.11101 *et seq*; Part 115 of the NREPA, MCL 324.11501 *et seq*; Part 121 of the NREPA, MCL 324.12101 *et seq*, and the Comprehensive Environmental Response, Compensation and Liability Act, as amended (CERCLA), 42 U.S.C. §6901 *et seq*.

2 I make this affidavit on personal knowledge acquired during the course of my employment and, if called as a witness, could competently testify.

3 I have a Bachelor of Science degree in Fisheries and Wildlife from Michigan State University.

4. As a regular part of my job, I inspect, oversee, and coordinate, on behalf of the MDEQ, efforts by others to investigate facilities where hazardous substances may have been released into the environment. I also coordinate, on behalf of the MDEQ, efforts to determine compliance with federal and state environmental laws at such facilities. Such investigations and compliance activities commonly include identification of potential contamination sources; formulation, implementation, and review of site studies; installation of monitoring equipment; and collection of samples and review of analyses of soil, water, waste, and air samples. It is also a regular part of my duties to ascertain which parties may be responsible for the release of hazardous substances into the environment.

5. As a project manager, a significant portion of my work activities include determination of applicable environmental response activities, cost estimation, preparation of focused scopes of work and statements of objectives, procurement of contractors, and management of contractors and contracts.

6. I am the Project Manager assigned to determine whether there is a release or threat of release into the environment, identify appropriate environmental response activities to

abate releases or threats of releases of hazardous substances into the environment, and to prepare a cost estimation for the necessary environmental response activities at the former General Motors Kalamazoo Metal Fabricating Plant, 5200 East Cork Street, Kalamazoo, Michigan Property (the "Property")

7 The matters set forth herein are based upon my personal knowledge and upon my review of information located in MDEQ, Remediation and Redevelopment Division, Kalamazoo District Office files. File documents reviewed include.

- Application for a MDEQ Brownfield Redevelopment Loan for the Midlink Business Park Project, September 12, 2008,
- Baseline Environmental Assessment (BEA), prepared by NTH Consultants, Ltd. for Kaiser Aluminum Fabricated Products, L.L.C., Kalamazoo Michigan, July 31, 2008,
- BEA, prepared by IT Corporation for 5200 East Cork Street Investors, LLC, dated December 15, 1999.

8. MDEQ file documents indicate General Motors developed the property in 1965 with construction of a 1,896,906 square foot manufacturing building, and associated power house, boiler house, wastewater treatment plant, switch house, and pump house. General Motors conducted operations to receive and cut metal in sheets and roll stock, stamp, grind, weld, assemble component parts, manufacture tool and die, apply adhesive coatings, treat wastewater, and manage waste and materials storage. General Motors ceased operations at the Property in 1999.

9 During General Motors ownership and operation of the Property, hazardous substances and oil and grease were released to groundwater, surface water, soil, sediment, and building structural materials at several locations on the Property. Previous investigations have shown the hazardous substances released include metals, semi-volatile organic compounds, volatile organic compounds, polychlorinated biphenyls, and oil and grease and exceed Part 201 cleanup criteria. Photographs in MDEQ file documents indicate the visual presence of oil and grease in soil and structural materials in several areas of the Property. Oil and grease is also present as free phase liquid in groundwater referred to by others as foundation drainage water.

10 The following environmental response activities remain necessary to reduce the concentrations of hazardous substances and oil and grease to acceptable Part 201 cleanup criteria: determine the extent of soil, sediment, and groundwater contamination; determine the extent of free phase liquids; design, construct, and operate and maintain a remedy to recover free phase liquids and cleanup groundwater contamination, cleanup hazardous substances and solid waste in the dump area; cleanup hazardous substances and oil and grease in the vicinity of the baler house, main overhead conveyor, pump house, railroad tracks, and former drawing compound and press lubrication oil above ground storage tanks, and any other areas of the Property where hazardous substances and oil and grease are identified in excess of Part 201 cleanup criteria.

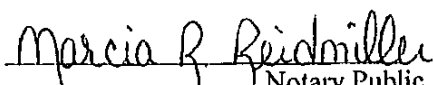
11 Using my best professional judgment and based on available information, the estimated cost for the State of Michigan to abate the release or threat of release of hazardous substances or oil and grease into the environment and to evaluate areas where hazardous

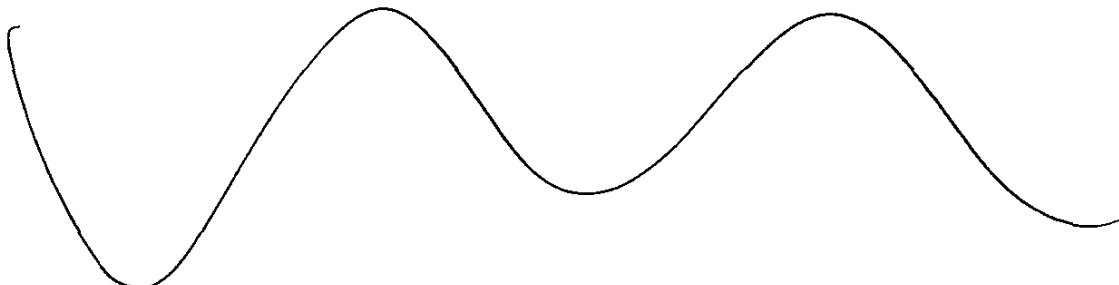
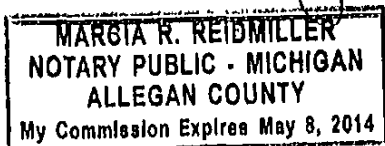
substances or oil and grease may have been released into the environment is likely to approach
\$5,686,040 Please see attachment A for more details.

12 The above estimated future costs were developed assuming MDEQ may have to
conduct all future response activities for this site Additional unknown conditions may exist at
this facility that could increase future response costs


Mark D DuCharme

Subscribed and sworn to before me
this 23rd day of November, 2009


Notary Public
Allegan County, Michigan - acting in Kalamazoo County, Michigan
My commission Expires May 8, 2014



Attachment A

GM-BOC Bankruptcy Claim

Investigation

Description of Activities Associated with Estimated Costs	Estimated Costs
<ul style="list-style-type: none"> • Develop scope of work to abate the release or threatened release of hazardous substance or oil and grease into the environment and to evaluate areas where hazardous substances or oil and grease may have been released into the environment 4 hours DEQ staff costs EQA P12 x \$51.87/hour = \$200 	\$200.00
<ul style="list-style-type: none"> • Procure Level of Effort Contractor o 40 hours DEQ staff costs EQA P12 x \$51.87 = \$2,100 o DEQ Travel = 34 miles x \$0.362/mile = \$10 o \$20,000.00 Contractual Costs for kick off meeting, work plan development, and preparation of contract documents 	\$22,110.00
<ul style="list-style-type: none"> • Conduct hydrogeological investigation to evaluate the release or threat of release of hazardous substances or oil and grease into the environment o 80 hours DEQ staff costs EQA P12 x \$51.87 = \$4,150 o DEQ Travel = 136 miles x \$0.362/mile = \$50 o \$750,000 Contractual Costs for Level of Effort contractor to complete investigation (includes DEQ Laboratory analysis)-based on best professional judgement 	\$754,200.00
Subtotal	\$776,510.00

Design of Groundwater Remedy

Description of Activities Associated with Estimated Costs	Estimated Costs
<ul style="list-style-type: none"> • Design groundwater remedy o 40 hours DEQ staff costs EQA P12 x \$51.87 = \$2,100 o \$50,000 Contractual Costs for Level of Effort contractor to complete focused feasibility study and design remedy 	\$52,100.00
<ul style="list-style-type: none"> • Develop bid specifications to construct groundwater remedy o 30 hours DEQ staff costs EQA P 12 x \$51.87 = \$1,600 o \$30,000 Contractual Costs for Level of Effort contractor to prepare bid specifications 	\$31,600.00
<ul style="list-style-type: none"> • Procure Trade Contractor to construct groundwater remedy and operate and maintain for 6 month start up period o 25 hours DEQ staff costs EQA P12 x \$51.87 = 1,300 o DEQ Travel = 34 miles x \$0.362/mile = \$10 o \$10,000 Contractual Costs for Level of Effort contractor to assist in procurement (includes project advertisement, pre-bid meeting, bid addendum(s), bid evaluation, pre-award meeting, and pre-construction meeting 	\$11,310.00
Subtotal	\$95,010.00

Implementation of Groundwater Remedy

Description of Activities Associated with Estimated Costs	Estimated Costs
---	-----------------

Attachment A

- Construct Groundwater remedy
 - o 40 hours DEQ staff costs EQA P12 x \$51 87 = 2,100
 - o \$60,000 Contractual Costs for Level of Effort contractor for trade contractor oversight and project record documents
 - o \$450,000 Contractual Costs for Trade Contractor to construct groundwater remedy

\$512,100 00

- Operate and Maintain Groundwater Remedy for 10 years
 - o 200 hours DEQ staff costs EQA P12 x \$51 87 = \$10,400
 - o \$250,000 Contractual Costs for Level of Effort contractor to provide professional engineering assistance
 - o \$1,500,000 Contractual Costs for Trade Contractor to operate and maintain groundwater remedy for 10 years

\$1,760,400 00

Subtotal \$2,272,500 00

Soil removal and Disposal

Description of Activities Associated with Estimated Costs	Estimated Costs
---	-----------------

- Develop bid specifications to characterize, excavate, transport, and dispose contaminated soil and solid waste from dump area and place backfill and restore grade
 - o 30 hours DEQ staff costs EQA P12 x \$51 87 = \$1,600
 - o DEQ Travel = 34 miles x \$0 362/mile = \$10
 - o \$40,000 00 Contractual Costs for Level of Effort Contractor prepare specifications

\$41,610 00

- Procure Trade Contractor to characterize, excavate, transport, and dispose of contaminated soil and solid waste in dump area and place backfill and restore grade
 - o 20 hours DEQ staff costs EQA P12 x \$51 87 = \$1,000
 - o DEQ Travel = 34 miles x \$0 362/mile = \$10
 - o \$10,000 Contractual Costs for Level of Effort contractor to assist in procurement (includes project advertisement, pre-bid meeting, bid addendum(s), bid evaluation, pre-award meeting, and pre-construction meeting)

\$11,010 00

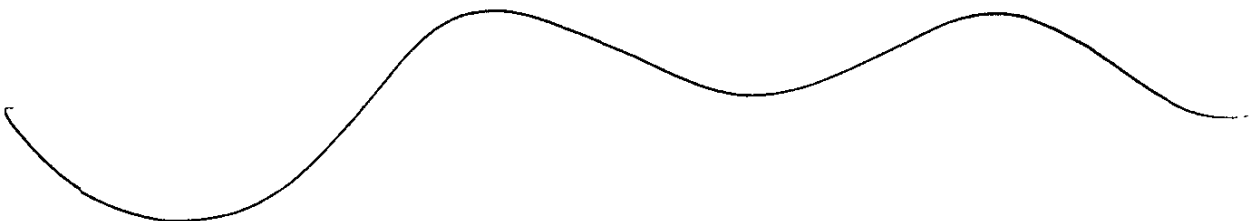
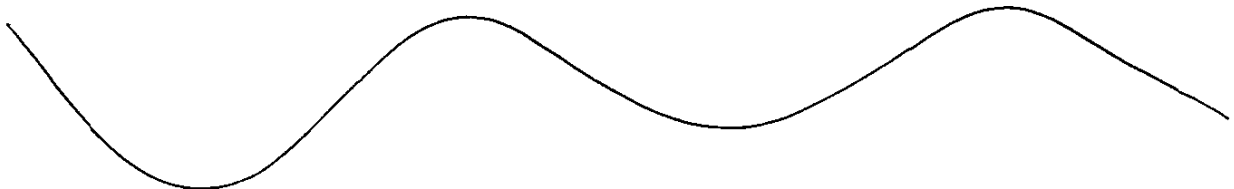
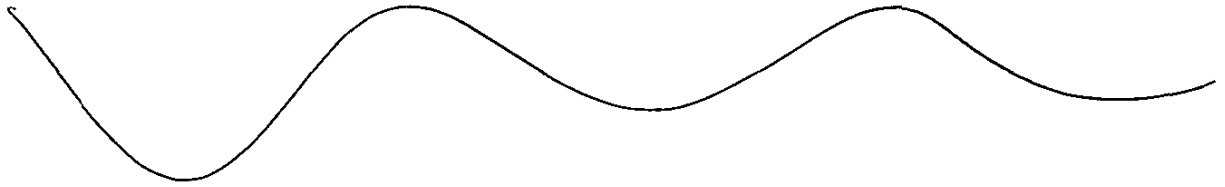
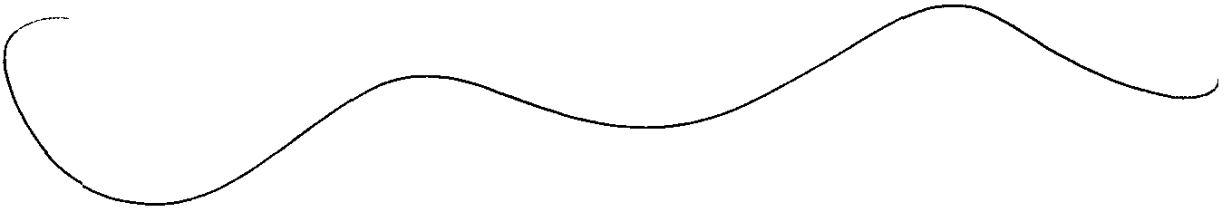
- Characterize, excavate, transport, and dispose of contaminated soil and solid waste in dump area and place backfill and restore grade
 - o 200 hours DEQ staff costs EQA P12 x \$51 87 = \$10,400
 - o DEQ Travel = 510 miles x \$0 362/mile = \$200
 - o \$100,000 Contractual Costs for Level of Effort Contractor to provide trade contractor oversight and project record documents
 - o \$2,200,000 Contractual Costs for Trade Contractor to complete removal and grade restoration activities

\$2,310,600 00

Attachment A

- Characterize, excavate, transport, and dispose of oil or grease contaminated soil in the vicinity of the baler house, main overhead conveyor, pump house, and former drawing compound and press lubrication oil above ground storage tanks, and install backfill to restore grade
- o DEQ staff costs included as part of dump area mitigation
- o Level of Effort Contractor costs included as part of dump area mitigation
- o \$178,800 Trade Contractor costs too remove oil or grease contaminated soil and install backfill to restore grade

	\$178,800 00
Subtotal	\$2,542,020 00
Grand total	\$5,686,040 00



Attachment A

BREAKDOWN OF ESTIMATED SOIL COSTS

Characterize, excavate, transport, and dispose of contaminated soil and solid waste in dump area and place backfill and restore grade

Approximate dump area size = 300 feet x 300 feet x 10 feet (estimated depth) = 900,000 cubic feet x 125 pounds/cubic foot estimated weight = 112,500,000 pounds/2,000 pounds/ton = 56,250 tons

56,250 tons x \$30.00/ton excavation, transport, and disposal = \$1,700,000

33,333 cubic yards x 1.2 loose cubic yards backfill = 40,000 cubic yards

40,000 cubic yards x 1.6875 tons/cubic yard = 67,500 tons Class II Sand backfill

Transport, place, and compact 67,500 tons Class II Sand backfill estimated amount x \$7.50/ton = \$500,000

Characterize excavate, transport, and dispose of oil or grease contaminated soil in the vicinity of the baler house, main overhead conveyor, pump house, and former drawing compound and press lubrication oil above ground storage tanks, and install backfill to restore grade

Estimated removal area = 600 feet x 20 feet x 6 feet = 72,000 cubic feet x 125 pounds/cubic foot estimated weight = 9,000,000 pounds/2,000 pounds/ton = 4,500 tons

4,500 tons x \$30.00/ton excavation, transport, and disposal = \$135,000

2,444 cubic yards (less 6 inches for stabilized gravel surface grade) x 1.2 loose cubic yards backfill = 2,933 cubic yards Class II Sand backfill

2,933 cubic yards x 1.6875 tons/cubic yard = 4,950 tons Class II Sand backfill

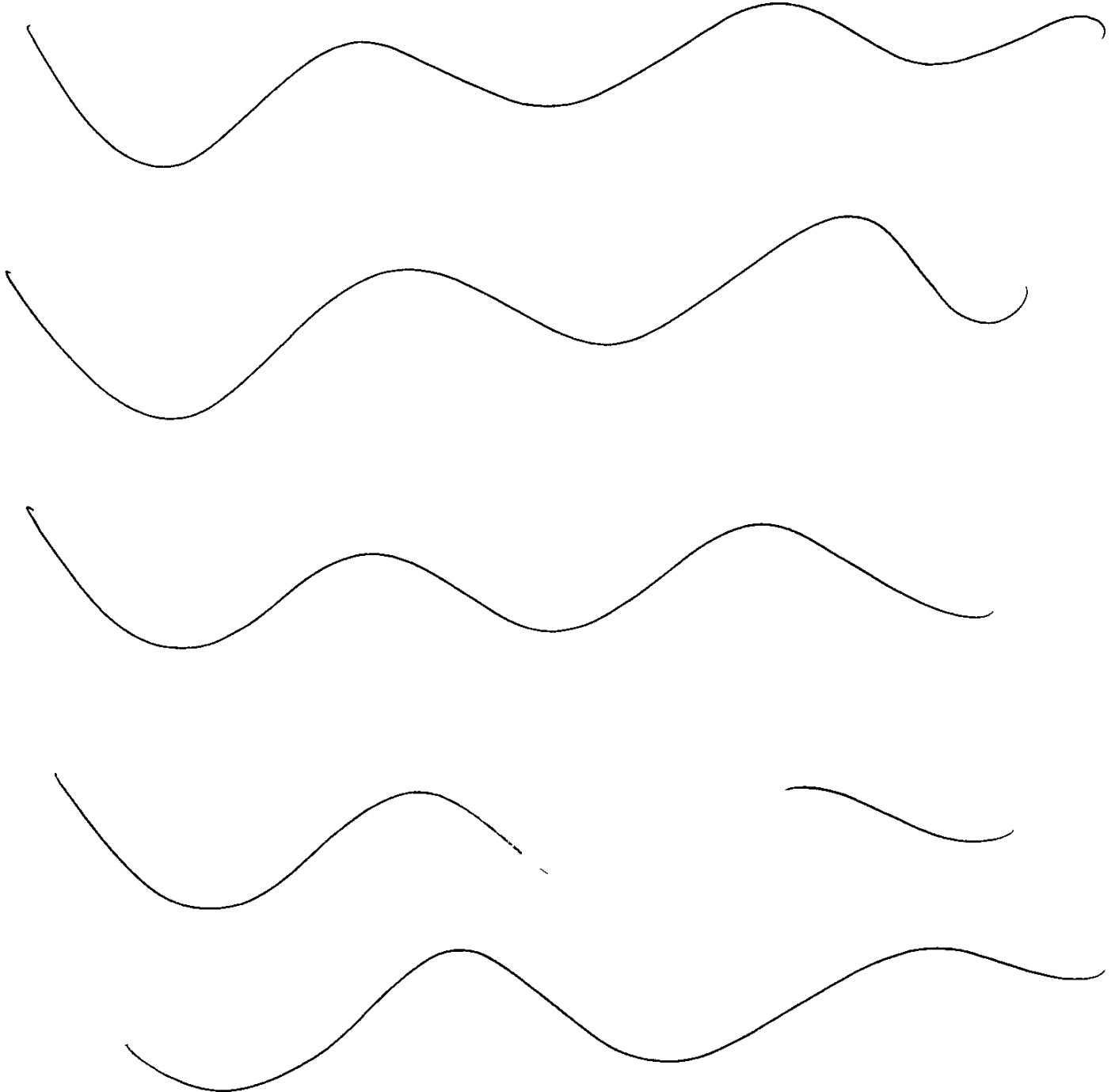
Transport, place and compact 4,950 tons Class II Sand backfill x \$7.50/ton = \$37,000

Transport, place, and compact 450 tons stabilized gravel x \$15.00/ton = \$6,800 to restore surface grade

Attachment A

Costs by Contract

	Estimated Costs
Trade Contract Estimate for groundwater remedy	\$1,950,000 00
Trade Contract Estimate for soil removal	\$2,378,800 00
Level of Effort Contract	\$1,320,000 00
DEQ Staff Costs-EQA 12	\$37,240 00
Grand Total	\$5,686,040.00



UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE

MOTORS LIQUIDATION COMPANY, et al,
f/k/a General Motors Corp , et al

Chapter 11

Case No 09-50026 (REG)

Debtors

(Jointly Administered)

AFFIDAVIT OF BETH M. VENS

I, Beth M Vens, first being duly sworn, depose and say:

- 1 I am employed as a Senior Environmental Quality Analyst for the Remediation and Redevelopment Division (RRD) of the Michigan Department of Environmental Quality (MDEQ) in the Southeast Michigan District Office, Warren, Michigan I have been employed by the MDEQ for approximately eighteen years, since January 1992
- 2 I make this affidavit on personal knowledge acquired during the course of my employment and, if called as a witness, could competently testify
- 3 As a Senior Environmental Quality Analyst and Project Manager, my responsibilities include overseeing the identification, investigation, and evaluation of sites where hazardous substances have been released into the environment I review response activities conducted by private parties to determine compliance with state environmental regulations, including hydrogeological investigations, interim response activities, and remedial action plans In addition, I coordinate my review of sites of environmental contamination with toxicologists and compliance and enforcement staff These activities are conducted under the authority of Part 201 of Michigan's Natural Resources and

Environmental Protection Act, 1994 PA 451, as amended (NREPA), Michigan Compiled Laws (MCL) 324 20101 *et seq*; Part 31 of the NREPA, MCL 324 3101 *et seq*.

- 4 I am the Project Manager for the Satterlee Sumpter Township landfill site of environmental contamination located at 40195 Judd Road in Sumpter Township, Michigan, MERA #82000048 I have been the Project Manager for this facility since approximately 1998 Based on MDEQ file information, the site is currently owned by Mr Virginio Persicon, who purchased the property at a tax sale in 1996 In the 1960s and 1970s, it was used for disposal of various wastes, including industrial wastes from several companies, including General Motors Corporation The industrial wastes that were disposed of in the 1970's are the dominant concern Based on records of the company that arranged for the waste disposal, approximately 62% of the industrial waste originated at the General Motors Corporation
- 5 The Satterlee Sumpter Township landfill facility has numerous areas of environmental contamination Groundwater and soils are contaminated with volatile organic compounds (such as xylenes at 8,000,000 parts per billion which exceeds Part 201 soil saturation screening levels) and an adjacent wetland has been contaminated above Part 201 criteria Additional remedial investigation of the facility is required to delineate the nature and extent of contamination, along with a feasibility study to select the best remedial action for the facility, and implementation and operation/monitoring of the selected remedy
- 6 Using best professional judgment, the total estimated future cost for the investigation, selection of remedy, installation of remedy and operation and maintenance to comply

with Part 201 is likely to approach \$11,725,303.46. Please see attachment A for more details.

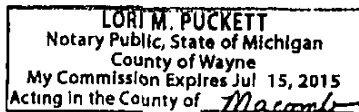
7. The above estimated future costs were developed assuming the MDEQ may have to conduct all future response activities for this site. Additional unknown conditions may exist at this facility that could increase future response costs.

Further Affiant Sayeth Not

Beth M. Vens
Beth M. Vens

Subscribed and sworn to before me this 23rd day of November, 2009.

Lori M. Puckett
Notary Public





Michigan Department of Environmental Quality
Cost Table for Environmental Claims
Satterlee Sumpter Township Landfill, 40195 Supter Road
82000048

Site Assessment			
		# of Units	Unit Cost
1	Need		
2	Implement Malcolm Pirnie work plan	1	\$400,000.00
3	Consultant Oversight (per day)	60	\$600.00
4	Investigation/Report (LS)	1	\$3,000.00
5	15% Contingency		\$65,850.00
6	State Oversight Costs (5%)		\$25,242.50
Total Site Assessment Cost:			\$530,092.50

Soil Cover			
		# of Units	Unit Cost
1	Need		
2	Install 2' soil cover across .18 acres	75	\$600.00
3	Consultant Oversight (per day)	75	\$600.00
4	15% Contingency		\$409,097.40
5	State Oversight Costs (5%)		\$22,704.87
Total Soil Cover Cost:			\$3,156,118.27

Miscellaneous Project Tasks			
		# of Units	Unit Cost
1	Methane Mitigation system	1	\$400,000.00
2	TSCA waste disposal	1	\$10,000.00
3	Wetlands Mitigation	1	\$200,000.00
4	Consultant Oversight (per day)	40	\$600.00
5	15% Contingency		\$95,550.00
6	State Oversight Costs (5%)		\$36,827.50
Total Miscellaneous Project Tasks:			\$769,774.50

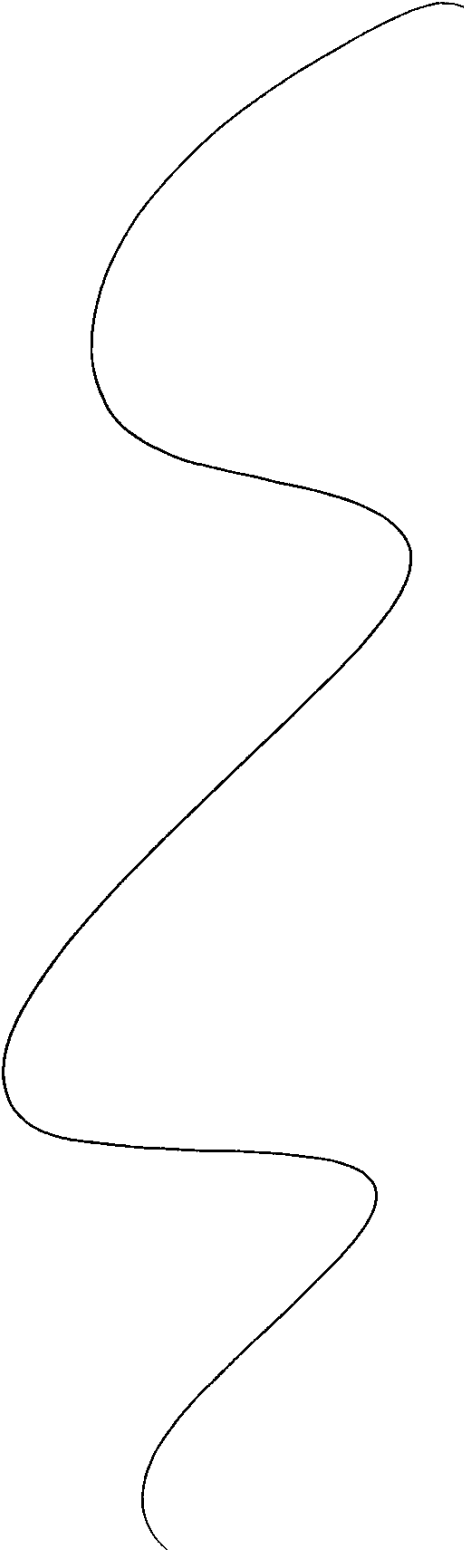
Groundwater Treatment System				
Need		# of Units	Unit Cost	Total
1 Groundwater Collection System Installation, 10' x 10' x 10' (per acre)		1	\$ 4,725 00	\$4,725 00
Cleaning & Grubbing (per acre)		1,020	\$ 150 00	\$153,000 00
Collection Trench Excavation (per linear foot, 36" wide, 12' deep)		1,360	\$ 50 00	\$68,000 00
Non-Haz Contaminated Soil Transport and Disposal (Cubic Yard or CY)		907	\$ 20 00	\$18,140 00
Pea Gravel for Trench Backfill (per CY, from 12' to 4' bgs)		453	\$ 20 00	\$9,060 00
General Backfill for Trench (per CY, from 4' to 0' bgs)		3	\$ 3,000 00	\$9,000 00
Groundwater Well/Sump Installation (per well, whole crew, incl well installation)		3	\$ 3,000 00	\$9,000 00
Groundwater Recovery Pumps (per well, incl installation)		1	\$ 7,500 00	\$7,500 00
Air Compressor (10 Hp for pumps)		1,020	\$ 30 00	\$30,600 00
Piping Installation (per linear foot)		1	\$248,000 00	\$248,000 00
Co-Precipitation Remediation System - Purchase		1	\$ 66,000 00	\$66,000 00
Co-Precipitation Remediation System Installation		1	\$ 20,000 00	\$20,000 00
Treatment System Trailer - Purchase		2	\$ 3,500 00	\$7,000 00
Liquid Phase GAC Vessels for Carbon (1000 Lbs Capacity) - Purchase		1	\$ 18,000 00	\$18,000 00
Mechanical		1	\$ 15,000 00	\$15,000 00
Sewer Connection & Permitting		1	\$ 15,000 00	\$15,000 00
Start up & Trouble Shoot		1	\$ 12,000 00	\$12,000 00
Site Restoration		60	\$600 00	\$36,000 00
2 Consultant Oversight (per day)		60	\$114,603 75	\$6,876,225 00
3 15% Contingency				\$43,931 44
4 State Oversight Costs (5%)				\$922,560 19
Total Groundwater Treatment Cost				\$3,383,415 00

Groundwater System Monitoring and Operation and Maintenance for 30 Years				
Need		# of Units	Unit Cost	Total
1 System O&M		30	\$ 4,500 00	\$135,000 00
Utilities (per year)		30	\$ 12,000 00	\$360,000 00
Wastewater Discharge (\$1 22/780 gallons)		30	\$15,000 00	\$450,000 00
Purchase of new carbon (1000 lbs per month @ \$1 25/lb) Yearly amount is unit cost		30	\$ 24,000 00	\$720,000 00
Dispose of Carbon & Change Out (1000lbs/month @ \$2/lb) - Hazardous Waste Yearly amount is unit cost		30	\$ 14,400 00	\$432,000 00
Sludge Disposal (4 ton/month @ \$300/ton, only for sludge from Co-precipitation) Yearly amount is unit cost		30	\$10,000 00	\$300,000 00
System repairs		30	\$ 1,500 00	\$45,000 00
Monitoring - Materials - Yearly amount is unit cost		30	\$ 3,500 00	\$105,000 00
Reporting - Yearly amount is unit cost		30	\$ 8,500 00	\$255,000 00
Post Remediation Monitoring - Yearly amount is unit cost		30	\$ 4,200 00	\$126,000 00
2 15% Contingency				\$161,115 00
3 State Oversight Costs (5%)				\$3,383,415 00
Total Groundwater Monitoring and Maintenance and Operation Cost				\$3,383,415 00

Soil Cover Monitoring and Operation and Maintenance for 30 years			
1	Maintenance of Vegetative Cover		\$2,344,772.00
2	Maintenance and Inspection		\$11,592.00
3	Deed Notation		\$6,256.00
4	Surface Emission Monitoring		\$924.60
5	Reporting Requirements		\$30,000.00
Total Miscellaneous Project Tasks:			\$2,393,544.60

Miscellaneous Project Tasks			
1	Bid Documents and Contractor Procurement		\$5,000.00
2	Contractor Mobilization (5% of total project cost)		\$557,895.40
3	Closure Report (LS)		\$4,500.00
Total Miscellaneous Project Tasks:			\$567,395.40

Total for Site Remediation **\$11,725,303.46**



UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE

MOTORS LIQUIDATION COMPANY, et al, Chapter 11
f/k/a General Motors Corp , et al

Case No 09-50026 (REG)

Debtors

(Jointly Administered)

AFFIDAVIT OF DANIEL P. DAILEY

...I, DANIEL DAILEY, being first duly sworn, depose and state as follows -

1 I am an Environmental Engineer employed by the Michigan Department of Environmental Quality ("MDEQ"), Waste and Hazardous Materials Division, in Lansing, Michigan. I have been employed in this capacity since June 1992

2 I have personal knowledge of the matters stated in this Affidavit and, if called as a witness, I could competently testify to the same

3 I am familiar with the regulatory requirements for closure, post-closure, corrective action, and financial capability under the Resource Conservation and Recovery Act ("RCRA"), 42 U S C 6901 et seq, and the Hazardous Waste Management provisions of the Natural Resources and Environmental Protection Act ("NREPA"), 1994 P A 451, as amended, M C L 324 101 et seq

4 I was assigned the responsibility to provide cost estimates for closure, post-closure care, and corrective action, as appropriate for the facilities specified in this affidavit. To prepare for this evaluation, I solicited input from other project managers within the Waste and Hazardous Materials Division ("WHMD") and Remediation and Redevelopment Division ("RRD") of the Michigan Department of Environmental Quality (MDEQ) relative to the current technical

and administrative status of closure, post-closure, and corrective action for the facilities included in this affidavit. Where I am the project manager for a facility, I prepared for this evaluation by researching the files in the WHMD and compiling pertinent information regarding the technical and administrative status of the facilities. Information provided by Motors Liquidation Corporation ("MLC"), through its consultants, was also gathered and reviewed if time permitted and it was available at the time the estimates were completed.

5. After available information was compiled, I provided, or worked with the project manager of the facility to provide, a cost estimate for the facility. My approach to estimating costs was from the standpoint that the facility may be abandoned, leaving the State of Michigan with the responsibility to clean up the facility by contaminant source removal from soils and ongoing monitored natural attenuation of remaining contaminants in groundwater. This approach assumes that there is sufficient on-site plume distance and/or isolation from the facility boundary such that more active remediation methods are not needed. The cost estimates included in this affidavit also generally assumed that demolition and waste removal has been completed and only limited decontamination and soil and groundwater remediation remain to be accomplished. Where applicable, other remedial costs were estimated, as further specified in this affidavit. Due to the general lack of investigative information, these estimates should be considered minimums.

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in an attempt to provide a reasonable, but conservative estimate of possible costs for closure, post-closure and/or corrective actions at the facilities

7 I am the WHMD Project Manager for the Delphi Flint West Facility, Site Identification number MID005356654, located at 300 North Chevrolet Avenue in Flint, Michigan. Based on the available information, an oily light non-aqueous phase liquid ("LNAPL") is emanating from Building 2 to soils and groundwater. There is not enough data to delineate the composition or extent of the LNAPL in soils and groundwater at this time although, according to the available information, a groundwater plume is thought to emanate from Building 2 southeast on-site toward the Flint River. Assuming a corrective action that involves removing the Building 2 source area and monitored natural attenuation of the remaining groundwater contamination, it is my best professional judgment based on the available information that estimated future cost to address this facility is \$34,751,924 by CostPro. A summary from the CostPro report for this facility is attached to this affidavit.

8 Kimberly Tyson is the WHMD Project Manager for the General Motors Corporation, Great Lakes Technology Center, Site Identification number MID005356738, located at 4300 South Saginaw Street in Flint, Michigan 48507. Based on the information provided by Ms. Tyson, the Die Storage Lot, Former Hazardous Waste Storage Area, East Property Boundary, Hemphill Landfill, City of Burton Parcel, and North Courtyard Area received cost estimates for closure using CostPro. These estimates were based on soil source removal and ongoing groundwater monitoring for monitored natural attenuation. Ongoing groundwater monitoring was estimated for post-closure care of four of the units using CostPro. The total cost estimate for this facility is \$17,985,940. A summary from the CostPro cost estimate report for closure and post-closure care is attached to this affidavit.

9 Joe Rogers is the WHMD Project Manager for the Remediation and Liability Mgmt Co , or "REALM" Peregrine facility, Site Identification number MIR000020743, located at 1245 East Coldwater Road in Flint, Michigan 48505 Based on the information provided by Mr Rogers, the Equipment Reserve Yard, Press Room, Deep and Shallow Site-Wide Groundwater, Scrap Metal Storage Pits, Plating Area, Caustic Above-Ground Storage Tanks, Waste Pile Pad, Outside Coal Storage Area received cost estimates for closure using CostPro These estimates were based on soil source removal and ongoing groundwater monitoring for a monitored natural attenuation program Ongoing groundwater monitoring was estimated for post-closure care of four of the units using CostPro The total cost estimate for this facility is \$27,161,248 A copy of the CostPro cost estimate report for closure and post-closure care is attached to this affidavit

10 I am the WHMD Project Manager for the Delphi Automotive Systems LLC Averill Avenue facility, Site Identification number MID980568745, located at 1101 North Center Road in Flint, Michigan 48556 There was very little information available based on a preliminary assessment of the facility For a conservative cost estimate, I assumed that each building in which there is an uninvestigated WMU, the building footprint would be considered a source area, soils would be removed to a depth of 5 feet, and wells would be installed and to monitor groundwater for natural attenuation of remaining contamination Based on the information available, Plants 6 and 43 Buildings 6110, 6119, 6129, 6144, 6170, and 6183, and Plant 7 Buildings 7152 and 7172 received cost estimates for closure using CostPro Ongoing groundwater monitoring was estimated for post-closure care of Site-Wide Groundwater using CostPro The total cost estimate for this facility is \$66,722,952 A copy of the CostPro cost estimate report for closure and post-closure care is attached to this affidavit

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12 Ronda Blayer is the WHMD Project Manager for the General Motors Corporation facility, Site Identification number MID000809905, located at 36880 Ecorse Road in Romulus, Michigan 48174. Based on the information provided by Ms. Blayer, the Hazardous Waste Storage Area, and the Chip House received cost estimates for closure using CostPro. Groundwater contamination was not confirmed at the facility, and so an associated cost was not estimated. The total cost estimate for this facility is \$494,970. A copy of the CostPro cost estimate report for closure is attached to this affidavit.

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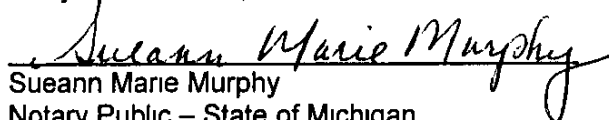
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15 The above estimated future costs were developed assuming that MDEQ may have to conduct all future response actions for these sites Additional unknown environmental conditions may exist that could significantly increase the estimated future response costs


Daniel P. Dailey

Subscribed and sworn before me this 23rd day of November, 2009


Sueann Marie Murphy
Notary Public – State of Michigan
County of Isabella
My Commission Expires March 5, 2013
Acting in the County of Ingham

UNITED STATES BANKRUPTCY COURT
SOUTHERN DISTRICT OF NEW YORK

IN RE.

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f/k/a General Motors Corp , et al

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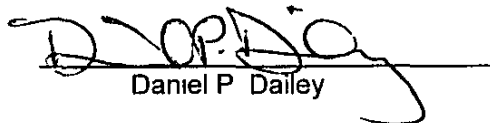
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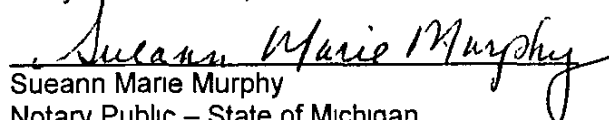
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Daniel P Dailey

Subscribed and sworn before me this 23rd day of November, 2009


Sueann Marie Murphy
Notary Public – State of Michigan
County of Isabella
My Commission Expires March 5, 2013
Acting in the County of Ingham

11/24/2009 10:41 AM

C:\Documents and Settings\gillc1\Local Settings\Temporary Internet Files\OLK28\MLC Cost Estimates Summary without

Part 111 Facility Cost Estimates		Groups.xls			
<u>Site ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Administrative Mechanism</u>	<u>Current Financial Assurance</u>	<u>WHMD Estimate</u>
MID005356928	Lansing Plant 6	401 North Verlinden Avenue, Lansing, MI	Voluntary Corrective Action Agreement	None	\$14,566,401
MID980700827	Lansing Plants 2 and 3	2800-2801 West Saginaw Street, Lansing, MI	Voluntary Corrective Action Agreement	None	\$18,485,555
MID005356860	Realm Coldwater Road	1245 East Coldwater Road,	Post-Closure Plan and Corrective	\$2,226,303 Surety Bond	\$5,332,224
MID005356738	Great Lakes Tech Center	4300 South Saginaw Street, Flint, MI	None	None	\$17,985,941
MID980568745	Flint East - Plants 6 and 7	1101 North Center Road, Flint, MI	None	None	\$66,722,952
MIR000020743	Former Peregrine Coldwater	1245 East Coldwater Road, Flint, MI	Part Corrective Action Consent Order, Part with No Mechanism	None	\$27,161,249
MID000721738	Delphi	999 West Randall Street, Coopersville, MI	None	None	Unknown
MID000809905	GMC	36880 Ecorse Road, Romulus, MI	None	None	\$494,970
MID076380583	GMC Chevrolet Detroit A	601 Piquette Street, Detroit, MI	None	None	Unknown
MID005356746	GENERAL MOTORS CORPORATION	1500 East Ferry Street, Detroit, MI	None	None	Unknown
MID005356845	Delphi Automotive Systems LLC	2328 East Genesee Avenue, Saginaw, MI	None	None	Unknown
MID005356654	Delphi Auto Sys -- FLINT WEST a k a "Chevy in the Hole"	300 North Chevrolet Avenue, Flint, MI	None	None	\$34,751,924
MID980568620	Delphi Automotive Systems LLC	1601 North Averill Avenue, Flint, MI	Closure Plan	\$791,902 Letter of Credit	Unknown
Total Project Costs					\$185,501,216
Estimates Current as of 11/19/2009					

GMC Lansing Plants 2 and 3
MID980700827

Address 2800-2801 WEST SAGINAW Contact Pete Quackenbush
ST
MC 489-070-035
Lansing
MICHIGAN
48917

Comments Based on the information provided by Mr Quackenbush, 14 container storage areas, 20 tank systems, one groundwater investigation, and 102 pits and sumps may require source removal and monitored natural attenuation, and therefore, received cost estimates for closure using CostPro. Like units were consolidated for estimating as if they were all contained within one area The groundwater investigation cost was estimated for each unit using an estimate for an initial sampling event The waste water treatment system closure was assumed to be similar to tank closure Spray paint booth closures were assumed to be similar to container storage area closures The electroplating area was assumed to be similar to a tank closure This estimate does not include cleanup of tunnels or sewers Costs for sumps and pits were estimated assuming that 25% of the total number are contaminated The cost estimates assume that all waste has been removed and that only decontamination and soil and groundwater remediation remain to be done Ongoing groundwater monitoring was estimated for post-closure care of Site-Wide Groundwater using CostPro The total cost estimate for this facility is \$18,485,555

Activity	Units	Closure Cost
Container Storage Area	1	\$1,540,208 70
Tank Systems	1	\$3,079,901 21
Post Closure Care	1	\$13,865,445 58

\$18,485,555.49

Additional Costs \$0 00

Total Estimated Cost \$18,485,555.49

GENERAL MOTORS CORPORATION
MID000809905

Address 36880 ECORSE RD
ROMULUS
MICHIGAN
48174

Contact Ronda Blayer

Comments Based on the information provided by Ms Blayer, the Hazardous Waste Storage Area, and the Chip House received cost estimates for closure using CostPro Groundwater contamination was not confirmed at the facility, and so an associated cost was not estimated The total cost estimate for this facility is \$494,970

Activity	Units	Closure Cost
Container Storage Area	2	\$494,970 17

\$494,970.17

Additional Costs \$0 00

Total Estimated Cost **\$494,970.17**

General Motors Corporation
MID005356928

Address	401 N VERLINDEN AVE Lansing MICHIGAN 48915	Contact	Peter Quackenbush
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Activity	Units	Closure Cost
Container Storage Area	1	\$513,329 10
Tank Systems	1	\$697,754 48
Waste Piles	1	\$669,865 92
Post Closure Care	1	\$12,685,451 86

\$14,566,401.36

Additional Costs \$0 00

Total Estimated Cost \$14,566,401.36

Delphi Auto Sys -- FLINT WEST a.k.a. "Chevy in the Hole"
MID005356654

Address 300 N CHEVROLET AVE
Flint
MICHIGAN
48504

Comments Based on the available information, an oily light non-aqueous phase liquid ("LNAPL") is emanating from Building 2 to soils and groundwater. There is not enough data to delineate the composition or extent of the LNAPL in soils and groundwater at this time although, according to the available information, a groundwater plume is thought to emanate from Building 2 southeast on-site toward the Flint River. Assuming a corrective action that involves removing the Building 2 source area and monitored natural attenuation of the remaining groundwater contamination, it is my best professional judgment based on the available information that estimated future cost to address this facility is \$34,751,924 by CostPro.

Activity	Units	Closure Cost
Container Storage Area	1	\$28,133,657.54
Post Closure Care	1	\$6,518,266.66

\$34,651,924.20

Additional Costs \$100,000.00

Total Estimated Cost **\$34,751,924.20**

**GENERAL MOTORS CORPORATION; Great Lakes Technology
Center
MID005356738**

Address 4300 S SAGINAW ST
FLINT
MICHIGAN
48507

Contact Kimberly Tyson

Comments Based on the information provided by Ms Tyson, the Die Storage Lot, Former Hazardous Waste Storage Area, East Property Boundary, Hemphill Landfill, City of Burton Parcel, and North Courtyard Area received cost estimates for closure using CostPro These estimates were based on soil source removal and ongoing groundwater monitoring for monitored natural attenuation Ongoing groundwater monitoring was estimated for post-closure care of four of the units using CostPro The total cost estimate for this facility is \$17,985,940

Activity	Units	Closure Cost
Container Storage Area	3	\$4,722,146 57
Landfills	2	\$135,327.64
Post Closure Care	4	\$13,063,663 54
Tank Systems	1	\$64,802 87

\$17,985,940.62

Additional Costs \$0.00

Total Estimated Cost \$17,985,940.62

Remediation and Liability Mgmt Co., or "REALM" (8 of 34)
MIR000020743

Address 1245 E COLDWATER RD
FLINT
MICHIGAN
48505

Contact Joe Rogers

Comments Based on the information provided by Mr Rogers, the Equipment Reserve Yard, Press Room, Deep and Shallow Site-Wide Groundwater, Scrap Metal Storage Pits, Plating Area, Caustic Above-Ground Storage Tanks, Waste Pile Pad, Outside Coal Storage Area received cost estimates for closure using CostPro These estimates were based on soil source removal and ongoing groundwater monitoring for a monitored natural attenuation program. Ongoing groundwater monitoring was estimated for post-closure care of four of the units using CostPro The total cost estimate for this facility is \$27,161,248

Activity	Units	Closure Cost
Container Storage Area	4	\$7,010,132 42
Post Closure Care	4	\$5,626,947 64
Tank Systems	3	\$13,664,107 06
Waste Piles	2	\$860,061 48

\$27,161,248 60

Additional Costs \$0 00

Total Estimated Cost \$27,161,248.60

Delphi Automotive Systems LLC
MID980568745

Address 1101 N CENTER RD

Contact: Daniel Dailey

Flint
MICHIGAN
48556

Comments There was very little information available based on a preliminary assessment of the facility. For a conservative cost estimate, I assumed that each building in which there is an uninvestigated WMU, the building footprint would be considered a source area, soils would be removed to a depth of 5 feet, and wells would be installed and to monitor groundwater for natural attenuation of remaining contamination. Based on the information available, Plants 6 and 43 Buildings 6110, 6119, 6129, 6144, 6170, and 6183, and Plant 7 Buildings 7152 and 7172 received cost estimates for closure using CostPro. Ongoing groundwater monitoring was estimated for post-closure care of Site-Wide Groundwater using CostPro. The total cost estimate for this facility is \$66,722,952

Activity	Units	Closure Cost
Container Storage Area	2	\$52,240,226.75
Post Closure Care	1	\$14,482,725.20

\$66,722,951.95

Additional Costs \$0.00

Total Estimated Cost **\$66,722,951.95**

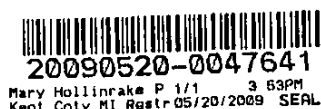
Michigan Department of Environmental Quality
Remediation and Redevelopment Division
Motors Liquidation Company (MLC) Sites with Part 201¹ Liens

Lien No	Site Name	Owner	County	District	Site ID No or Facility ID	Project No	File Date	Index	Page	Pre-Petition Costs	Post-Petition Costs	Estimated Future Costs
05-09-41000115-144	GM Fabricating Div (300 36th)	MLC	Kent	Grand Rapids	41000115	451588	2009-5/20	20090520-004764	1	\$ 35,585 19	\$3,433 52	\$3,700,000 00
05-09-81000019-148	GM Hydramatic (GM-PT Willow Run, 2930 Ecorse Rd)	MLC	Washtenaw	Jackson	81000019	455821	2009-5/18	4733	905	\$ 8,418 84	\$0 00	\$125,000,000 00
05-09-25000686-152	GM Hemphill LF	MLC	Genesee	Lansing	25000686	454533	2009-5/27	2009052700-42792	1	\$ 9,201 56	\$0 00	\$1,763,333 00
05-09-25000003-147	GM Die Storage (Atherton Rd)	MLC	Genesee	Lansing	250000683	455907	2009-5/21	2009052100-42130	1	\$ 11,593 80	\$74 23	\$57,007 20
05-09-00013821-S074	GMC Lansing #6 Car Assembly	MLC	Ingham	Lansing	00013821	445542	2009-5/18	3345	793	\$ 720 35	\$0 00	\$14,566,401 00
05-09-09000014-146	CPC Group (GMPT-Bay City (REALM parcel) 100 Fitzgerald aka 901 Woodside)	REALM ²	Bay	Saginaw-Bay	09000014	450064	2009-5/18	2676	889	\$ 2,922 15	\$305 98	\$5 984,946 41
05-09-73000014-150	GM Malleable Iron ³	MLC	Saginaw	Saginaw	73000014	451631	2009-5/22	2537	704	\$ 41,880 80	\$2,392 30	\$7,219,255 45
05-09-73000014-151	GM Malleable Iron ³	REALM ²	Saginaw	Saginaw	73000014	451631	2009-5/22	2537	703	\$ 41,880 80	\$2,392 30	\$7,219,255 45
05-09-00015260-S077	GMC Employee Development Center	MLC	Oakland	SE Michigan	00015260		2009-5/26	41183	748	\$ 507 58	\$0 00	\$516,000 00
05-09-00018277-S078	GM Pontiac Centerpoint Campus - West Engineering	MLC	Oakland	SE Michigan	00018277	446562	2009-5/28	41195	88	\$ 647 56	\$0 00	RCRA-Fed Lead

¹Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended

²Remediation and Liability Management Company, Inc (REALM)

³Two parcels have Part 201 liens placed upon them. The dollar amounts reflect costs associated with both parcels and are not intended to be additive



REC'D KENT COUNTY, MI ROD

2009 MAY 18 AM 8:53

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926

Second Party Chevrolet-Pontiac-Canada Group
General Motors Corporation
P O Box 9024
Detroit, Michigan 48202

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Site ID No 41000115
District Grand Rapids

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 *et seq*, against the following property situated in the City of Wyoming, Kent County, Michigan, described as

That part of W 1/2 NE 1/4 Sec 24, T6N, R12W Lying E of E Line of Conrail RR ROW, 100 ft wide, & Lying S of S'ly Line of 36th St, 100 ft wide, EX Comm at Int of S Line of NE 1/4 & W Line of Buchanan Ave, 80 ft wide, th N87°59'30"W along E & W 1/4 Line 828 27 ft, th N47°10'30"E 48 67 ft to N Line of S 33 ft of NE 1/4, th S87°49'30"E 695 3 ft, th NE'ly 125 8 ft Along a 101 8 ft Rad Curve LT, Long Chord bears N56°46'24"E 117 95 ft, to W Line of SD Ave, th S'ly 101 4 ft to Beg *74 92 A * Also Lots 147 to 152 Incl & Part of Lots 144, 145, 146, 153, 154 & 155, & Part of Vacated Portions of Floyd St & 40th St & Dr lying W of Lots 148 & 149 All being desc as Comm at NW Cor of SD Plat, th S87°49'30"E Along N Line of SD Plat 358 58 ft to W'ly Line of Relocated Stafford Ave, 66 ft wide, th SW'ly Along W'ly Line of SD Ave 37 04 ft Along a 165 0 ft Rad Curve LT, Long Chord bears S48°52'25"W 36 97 ft, th S42°26'30"W Along SD W'ly Line 243 88 ft, th SW'ly Along SD W'ly Line 117 22 ft Along a 290 59 ft Rad Curve LT, Long Chord bears S30°53'08"W 116 42 ft, to a PT 16 51 ft S0°02'30"E & 0 43 ft S87°49'30"E from SW Cor of Lot 146, th N87°49'30"W Par with S Line of Lot 148 & SD S Line Ext 132 43 ft to W Line of SD Plat, th N 313 78 ft M/L to Beg * McQueen Doyle Part No 1* Parcel ID Number 41-17-24-201-007

Document Date	Assessment Number	Amount
05/14/2009	05-09-41000115-144	\$34,928 10

The above-referenced amount represents the response activity costs incurred by the State of Michigan as of May 2, 2009, at the above-referenced property. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY

Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 15th day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.

Kathleen J. Sruba Notary Public

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926

KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham



OFFICIAL SEAL

05/18/09

L-4733 P-905

Washtenaw Co., MI

Lawrence Kestenbaum

Clerk Register

Page: 1 of 2



ACS-5900576-LN-2009-2
Lawrence Kestenbaum, Washtenaw

02 12 P
05/18/09

L-4733 P-905

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926

Second Party General Motors Corporation
P O Box 9024
Detroit, Michigan 48202-9024

Site ID No 81000019
District Jackson

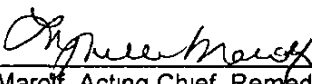
NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 *et seq*, against the following property situated in Ypsilanti Township, Washtenaw County, Michigan, described in Attachment A

Document Date	Assessment Number	Amount
05/15/2009	05-09-81000019-148	\$1,047 24


The above-referenced amount represents the response activity costs incurred by the State of Michigan as of April 18, 2009, at the above-referenced property. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY


Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 15th day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.


Notary Public Acting in Ingham County
Kathleen J. Sruba

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926

KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham

Time Submitted for Recording
Date 5-18-2009 Time 11:00AM
Lawrence Kestenbaum
Washtenaw County Clerk/Register

6)

Assessment No 05-09-81000019-148
Parcel ID No K-11-12-200-001 and K-11-12-100-003

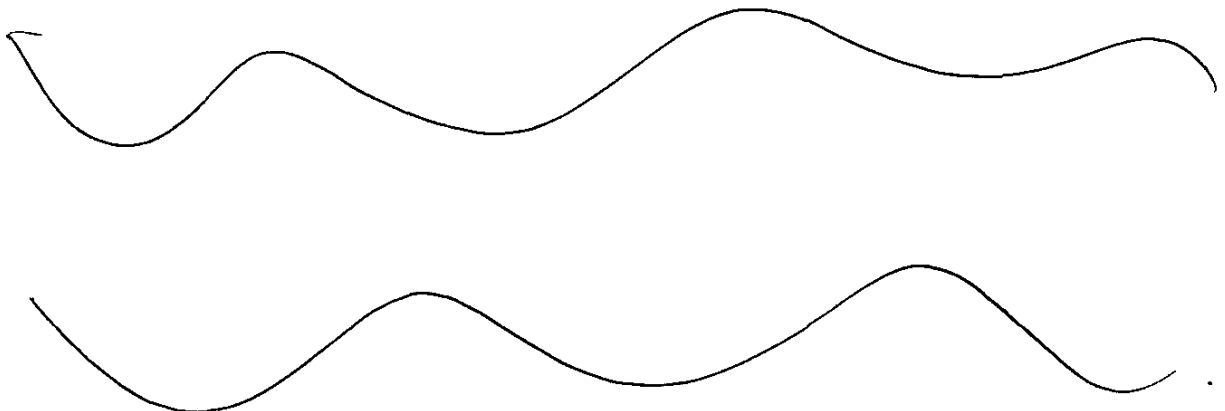
ATTACHMENT A

PARCEL ID Number K-11-12-200-001

Beg at Center of Sec, Th N0°01'40"E 1311 28 ft, th N88°15'48"E 1275 36 ft, th N0°44'E 1191 22 ft, th W'ly in Arc of Curve Left, Rad 1512 88 ft to PT of Tangency, th S61°04'40"W 456 56 ft, th N 184 59 ft, th W 181 00 ft, th S 284 30 ft, th S61°04'40"W 1297 17 ft, th 431 02 ft in Arc of Curve Right, Rad 2914 93 ft, Chord S65°18'50"W 430 63 ft, th S69°33'00"W 931 90 ft, th 568 88 ft in Arc of Curve Left, Rad 5679 65 ft, Chord S66°40'40"W 568 65 ft, th S63°48'40"W 84 88 ft, th NW'ly to a PT S0°27'23"W 1893 39 ft from NW Cor of Sec, th N0°27'23"E 927 30 ft, th 1235 0 ft in Arc of Curve Right, Rad 3967 56 ft, Chord N58°39'51"E 1230 02 ft, th S20°55'15"E 283 06 ft, th 390 84 ft in Arc of Curve Right, Rad 1362 69 ft, Chord S12°49'50"E 389 50 ft, th S4°36'50"E 408 92 ft, th N69°34'21"E 83 40 ft, th N69°33'20"E 20 54 ft, th N4°36'50"W 380 59 ft, th 419 52 ft in Arc of Curve Left, Rad 1462 69 ft, Chord N12°49'50"W 418 09 ft, th N20°55'15"W 284 08 ft, th 669 08 ft in Arc of Curve Right, Rad 3967 56 ft, Chord N73°52'13"E 668 29 ft, th N78°42'05"E 325 43 ft, th 845 04 ft in Arc of Curve Right, Rad 618 70 ft, Chord S62°04'E 780 87 ft, th S22°10'W 280 52 ft, th S61°05'34"W 958 34 ft, th 426 13 ft in Arc of Curve Right, Rad 2885 02 ft, Chord S65°19'27"W 425 74 ft, th S69°33'20"W 121 34 ft, th S69°34'21"W 805 88 ft, th 583 35 ft in Arc of Curve Left, Rad 5827 39 ft, Chord S66°41'21"W 583 11 ft, th S63°55'11"W 73 56 ft, th SE'ly to a PT N0°27'20"E 744 54 ft and N69°33'30"E 18 58 ft from W ¼ Cor of Sec, th S17°43'30"E 656 29 ft, th S34°16'41"E 264 00 ft, th S75°19'00"E 750 58 ft, th N89°59'40"E 143 62 ft, th N23°31'00"E 292 28 ft, th N0°20'50"E 38 51 ft, th N88°53'40"E 1241 41 ft to POB, Also that part of Sec 1 and 12 which lies N'ly of old Ecorse Rd (Abandoned), E'ly of GM Plant entrance, S'ly of Willow Run Expwy, W'ly of E/L of Secs 1 & 12, Being part of SE ¼, Sec 1 and Part of Entire Sec 12, T3S, R7E 178 13 Acres

PARCEL ID Number K-11-12-100-003

Comm at the NE Cor of Sec, th S01°25'10"W 83 14 ft in E Line of Sec for POB, th S01°25'10"W 749 02 ft, th S89°57'40"W 273 70 ft, th S00°02'20"W 581 42 ft, th S20°35'45"E 546 30 ft, th South 847 82 ft, th East 51 75 ft, th South 26.97 ft, th Along a Curve to the Right, Curve having a Radius of 401 82 ft, Central Angle of 1°39'11", a Chord which bears S23°32'07"W, a distance of 11 59 ft, th West 47 12 ft, th South 67 85 ft, th West 324 92 ft, th S00°38'45"W 16 44 ft, th West 648 73 ft, th S00°08'45"W 127 05 ft, th West 1652 28 ft, th S73°53'36"W 239 20 ft, th N89°55'54"W 712 71 ft, th N29°31'47"W 93 50 ft, th S78°02'40"W 111 75 ft, th S00°18'58"W 29 55 ft, th S89°59'40"W 115 00 ft, th N23°31'00"E 292 26 ft, th N00°20'50"E 38 57 ft, th N88 53'40"E 1241 41 ft, th N00°01'40"E 1311 38 ft, th N88°15'48"E 1275 36 ft, th N00°44'00"E 1191 22 ft, th Along a Curve to the Right, said Curve having a Radius of 1512 88 ft, a Central Angle of 14°37'30", a Chord which bears N80°08'00"E 386 17 ft, th N87°33'50"E 617 91 ft, th N87°44'52"E 294 77 ft to the POB being a Part of Sec 12, T3S, R7E, 132 34 Acres



200905270042792 05/27/2009
P:1 of 1 F:\$14.00 10:37AM
Rosalyn Bogardus T20090011858
Genesee County Register MLJACQ

GENESEE COUNTY REGISTER
RECEIVED

MAY 26 A 10:33

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926

Second Party General Motors Corporation
P O Box 9024
Detroit, Michigan 48202

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Site ID No 25000686
District Lansing

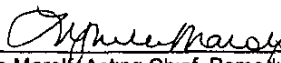
Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 *et seq*, against the following property situated in the City of Burton, Genesee County, Michigan, described as

A Parcel of Land Beg S89°14'W 299 08 ft & S09°03'E 183 34 ft from W ¼ Cor of Sec 29, th S09°03'E 200 ft, th N80°57'E, 125 ft, th S09°03'E, 175 ft, th N80°57'E, 125 ft, th S09°03'E, 420 ft, th N80°57'E, 300 ft, th N09°03'W, 845 42 ft, th S89°41'W, 264 54 ft, th S89°14'W, 140 02 ft, th S09°03'E, 110 98 ft, th S80°57'W, 150 ft to POB, Sec's 29 & 30 T7N, R7E, 7 87 Acres(01) DDA FR 59-29-300-021 & 022
Parcel ID Number 59-29-300-024

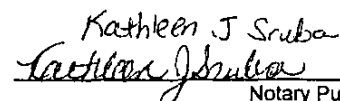
Document Date	Assessment Number	Amount
05/19/2009	05-09-25000686-152	\$8,944 59

The above-referenced amount represents the response activity costs incurred by the State of Michigan as of May 31, 2008, at the above-referenced property. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY


Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM
The foregoing instrument was acknowledged before me this 21st day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.


Kathleen J. Sruba
Notary Public

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926

14-
KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham

200905210042130 05/21/2009
P:1 of 1 F:\$14.00 1:54PM
Rosalyn Bogardus T20090011550
Genesee County Register MLJACG



2009 MAY 18 AM 11:15

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926

Second Party General Motors Corporation
P O Box 9024
Detroit, Michigan 48202

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Site ID No 25000003
District Lansing

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 *et seq*, against the following property situated in the City of Flint, Genesee County, Michigan, described as

Unplatted Part of S ¼ of Section 19, T7N, R7E Beg at a pt on W'ly line of S Saginaw St, 97 ft N9°21'30"W from its Int with N'ly line of Atherton Rd, th S39°14'W, 40 ft, th S50°17'54"W, 78 91 ft, th S88°56'W, 823 44 ft, th N3°08'E, 736 56 ft, th N0°36'E 198 85 ft to SW'ly line of C&O RR ROW, th SE'ly Alg SD SW'ly line, 1007 45 ft to W'ly line of Saginaw St, th S'ly Alg SD W'ly line, 63 18 ft to POB Parcel ID Number 41-19-454-014

Document Date	Assessment Number	Amount
05/14/2009	05-09-25000003-147	\$11,082 56

The above-referenced amount represents the response activity costs incurred by the State of Michigan as of April 18, 2009, at the above-referenced property. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY

Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 15th day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.

Kathleen J. Sruba Notary Public

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926

KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham

↑\$14.00

①

B: 3345 P. 793 05/18/2009 12.44 PM
2009-021358 MISCELLANEOUS Receipt #52118
Curtis Hertel Jr., Ingham County, Michigan

Pages: 1



309
INGHAM COUNTY
REGISTER OF DEEDS
RECEIVED
MAY 18 A 9 40 1

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
// P O Box 30426
Lansing, Michigan 48909-7926

Second Party General Motors Corporation
200 Renaissance Center
P O Box 200
Detroit, Michigan 48265-2000

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Facility ID No 00013821
District Lansing

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 *et seq*, against the following property situated in the City of Lansing, Ingham County, Michigan, described as

Parcel ID No 33-01-01-17-101-023

Comm SW Cor Verlinden Ave & Osborn Rd, th S 1737 57 ft to N Line Michigan Ave, W 1191 37 ft to E Line LM RR ROW, N'ly to a PT on S Line Saginaw St Relocated Lying 72 1 ft E & 247 44 ft S of NW Cor Sec 17, NE'ly Along ROW to W Line Stanley St, S to S Line Osborn Rd, E to Beg, Sec 17, T4N, R2W

Parcel ID No 33-01-01-17-176-001
Lots 6 and 7 McPherson's Inverness Sub

Document Date	Assessment Number	Amount
05/15/2009	05-09-00013821-S074	\$259 86

The above-referenced amount represents the response activity costs incurred by the State of Michigan as of September 9, 2006, at the above-referenced property. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY

Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 15th day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.

Kathleen J. Sruba Notary Public

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926

KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 13, 2012
Acting in the County of Ingham



05/18/2009 11:56:06 AM
RECORDED
VICTORIA L. ROUPE
REGISTER OF DEEDS, BAY COUNTY MICHIGAN
RECEIPT # 43128 STATION 6
\$14.00 LIEN/GENERAL



LIBER 2676 PAGE 889

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926

Second Party Remediation & Liability Management
30400 Mound Road
Warren, Michigan 48090

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Site ID No 09000014
District Saginaw-Bay

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 *et seq*, against the following property situated in the City of Bay City, Bay County, Michigan, described as

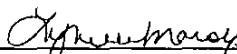
PARCEL F & G

A Parcel of Land in Sec 21 T14N, R5E Comm at Inter of N Line Vac Water St with W'y Line Johnson St, th S86°15'15"W on SD N Line 1885 76 ft, th N14°21'15"W 54 19 ft, th N73°24'54"W 39 05 ft, th S78°00'06"W 93 ft, th S11°59'54"E 20 ft, th S78°00'06"W 17 80 ft, th S77°15'06"W 199 ft to SD N Line Vac Water St, th S86°15'15"W on SD N Line 14 23 ft, th S77°36'15"W on SD N Line 70 12 ft to POB, th Cont S77°36'15"W on SD N Line 259 73 ft, th S75°10'45"W 75 ft, th N09°34'07"E 153 3 ft, th N03°29'58"W 76 01 ft, th N16°03'22"E 112 74 ft, th N12°42'57"E 217 33 ft, th N10°20'07"E 349 28 ft, th N10°59'28"W 91 29 ft, th N26°05'48"E 95 75 ft, th N76°42'05"E 304 01 ft to S'y Bank of Saginaw River, th S13°17'55"E 20 ft being 20 ft M/L S'y of Waters Edge for Survey Only & This Desc includes all Lands to Waters Edge, th S53°03'41"E 37 99 ft, th S17°45'05"E 89 31 ft, th S12°51'59"E 256 40 ft, th S76°03'04"W 41 65 ft, th S13°56'55"E 61 91 ft, th S75°45'43"W 5 75 ft, th S14°15'52"E 75 75 ft, th S76°06'07"W 25 70 ft, th S14°19'43"E 126 69 ft, th S74°41'20"W 191 16 ft, th S43°19'19"W 29 40 ft, th S32°27'55"W 112 40 ft, th S26°32'48"W 118 44 ft, th S13°37'18"E 112 49 ft, th S77°27'07"W 24 62 ft, th S13°37'37"E 18 63 ft, th N77°27'07"E 24 62 ft, th S13°37'37"E 46 22 ft to POB Cont 9 55 Acres M/L (Split from -002 for 2000 & Comb W/P of 13-16-476-001 for 2003)
Parcel ID Number 160-021-201-003-00

Document Date	Assessment Number	Amount
05/14/2009	05-09-09000014-146	\$2,470 58

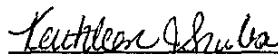
The above-referenced amount represents the response activity costs incurred by the State of Michigan as of February 21, 2009, at the above-referenced property. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY


Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 15th day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.


Kathleen J. Sruba Notary Public

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926

KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham



2009016086
L-2537 P-704
OFFICIAL SEAL Saginaw County, Michigan
Mildred M. Dodak Register of Deeds
May 22, 2009 09:38 AM

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926

Second Party General Motors Corporation
P O Box 9024
Detroit, Michigan 48202

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Site ID No 73000014
District Saginaw-Bay

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environment Protection Act, 1994 PA 451, as amended (NREPA), MCL 324.20101 et seq, against the following property situated in the City of Saginaw, Saginaw County, Michigan, described as

1pg 1400

Part of Sec's 34 & 35, T12N, R4E, V1Z, Beg at a Pt on SE'ly Ln of Salt St which is 23.88 ft NE'ly of NE'ly Ln of vacated Sylvan St, th S38°08'56"E, 183.21 ft, th S28°26'22"E, 207.15 ft, th S26°16'10"E, 71.79 ft, th S43°59'51"E, 226.76 ft, th S47°42'46"E, 158.71 ft, th S00°40'40"W, 159.80 ft, th S89°19'16"E, 8.85 ft, th S00°09'51"W, 80.9 ft, th S24°10'00"E, 89.8 ft, th S24°46'47"E, 365.55 ft, th S00°37'27"W, 1023.19 ft, th S89°07'00"E Part with S Ln of sd Sec 35, 1422.14 ft, th S01°30'00"E Part with sd Sec Ln common to Sec's 34 & 35 100 ft, th S89°07'00"E to W Harbor Ln, th N'ly along sd Harbor Ln 2238.33 ft M/L to S Line of W Center St; th W'ly along sd St Ln to a Pt that is 769.15 ft SE'ly of Int of W Ln of vacated Queen St & S Ln of W Center St, th S01°07'05"W, 454.47 ft; th S88°52'55"W, 275.1 ft, th S01°07'55"W, 468.89 ft, th N88°52'55"W, 118.9 ft, th N00°14'46"E, 91.14 ft, th N48°08'14"W, 424.72 ft, th N00°14'46"E, 338.85 ft, th N34°45'31"E, 399.19 ft, th N00°14'46"E, 449.9 ft to S Ln of Center St, th W'ly along Sd S Ln to SE'ly Ln of Salt St, th SW'ly along Sd SE'ly Ln to Middle of vacated rededicated Florence St, th SE'ly along sd CL of Florence St to A Pt which is perpendicular to a Pt on S Ln of Florence St 185.48 ft from SE'ly Ln of Salt St, th S'ly at RT Angles 193.55 ft, th W'ly 163.1 ft to a Pt 100.97 ft E'ly of Salt St & 106 ft S'ly at RT Angles to original S'ly Ln of sd Florence St, th W'ly 100.97 ft to a Pt on SE'ly Ln of Salt St, th SW'ly along Sd St Ln to POB
Parcel ID Number 19-2231-00000

Document Date	Assessment Number	Amount
05/19/2009	05-09-73000014-150	See Text

The statutory lien includes any unreimbursed response activity costs incurred by the State of Michigan. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY

Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 21st day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.

DEQ
P.O. Box 30426
Lansing, MI 48909-7926

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926

KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham



2009016085
L-2537 P-703 L LP
Page 1 of 1
OFFICIAL SEAL Saginaw County, Michigan
Mildred M. Dodak Register of Deeds
May 22, 2009 09:38 AM

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926

Second Party Remediation & Liability Management Company
30400 Mound Rd
Warren, Michigan 48090

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Site ID No 73000014
District Saginaw-Bay

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 *et seq*, against the following property situated in the City of Saginaw, Saginaw County, Michigan, described as

1 pg 1400
A Parcel of Land in Fri Sec's 2 & 3, T11N, R4E & Sec 34 & 35, T12N, R4E VIZ Beg at a Pt on Ln Common to sd Sec's 3 & 34 which is 799 72 ft N89°11'15"W from Sec Cr Common to sd Sec's 2, 3, 34 & 35, th N00°19'20"E on Ln that is Parallel with and 180 ft measured at Rt Angles, E of S'y Ext of Salt St, 811 47 ft, th 89°10'40"E Parl with S 1/8 Ln of Sec 34, 453 65 ft, th N00°36'00"E, Parl with Sec Ln Common to sd Sec's 34 & 35, 500 ft to sd S 1/8 Ln of Sec 34, th S89°10'40"E on sd S 1/8 Ln, 350 ft to sd Sec Ln Common to Sec's 34 & 35, th S00°36'00"W on sd Sec Ln 524 17 ft, th S89°07'00"E on N Ln of S 1/4 of S 90 77 Acres of SW 1/4 of sd Sec 35, 300 ft, th N00°36'00"E Parl with sd Sec Ln Common to Sec's 34 & 35, 100 ft, th S89°07'00"E Parl with sd N Ln 1422 14 ft, th S01°30'00"E Parl with Sec Ln Common to sd Fri Sec's 2 & 3, 2042 5 ft, th N89°26'00"W on a Ln which is Parl with and 1163 55 ft measured at Rt Angles, S of Sec Ln Common to sd Sec's 2 & 35, 2591 03 ft to sd Ln being 180 ft measured at Rt Angles, E of S'y Ext of Salt St, th N00 19'20"E on sd Ln 1166 99 ft to POB, 122 25 Acres Parcel ID Number 19-2249-00000

Document Date	Assessment Number	Amount
05/19/2009	05-09-73000014-151	See Text

The statutory lien includes any unreimbursed response activity costs incurred by the State of Michigan. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY

Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 21st day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ

Kathleen J. Sruba

Notary Public

KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926


DEQ
PO Box 30426
Lansing MI 48909-7926

Pg 88 of 89

LIBER 41183 PG 748

OAKLAND COUNTY
CLERK/REGISTER OF DEEDS

2009 MAY 22 PM 1:41

97008
LIBER 41183 PAGE 748
\$10.00 MISC RECORDING
\$4.00 REMONUMENTATION
05/26/2009 09:16:12 A.M. RECEIPT# 41715
PAID RECORDED - OAKLAND COUNTY
RUTH JOHNSON, CLERK/REGISTER OF DEEDS

LIEN PLACEMENT

First Party State of Michigan
Department of Environmental Quality
P O Box 30426
Lansing, Michigan 48909-7926Second Party General Motors Corporation
P.O. Box 9024
Detroit, Michigan 48202

NOTICE OF CLAIM OF INTEREST IN REAL PROPERTY

Facility ID No 00015260
District Southeast Michigan

Notice is hereby given that the State of Michigan, Department of Environmental Quality (DEQ), claims a statutory interest under Section 20138(1) of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), MCL 324 20101 et seq, against the following property situated in the City of Pontiac, Oakland County, Michigan, described as

A Parcel located in Sec 29, T3N, R10E, Assessors's Plat No 121, Lot 2 EXC that Pt desc as follows Beg at a Pt on SE'y Lot Li, sd Pt being 120.2 ft SW'y from the SE Cor of A P 121, th N21°20'37"E 39.75 ft, th N26°51'04"W 221 ft, th S63°08'56"W 5 ft, th N26°51'04"W 18.22 ft to Pt on Curve to L having a Radius of 553.11 ft, th NW'y Alg Arc of sd Curve to Pt on NW'y Lot Li, th NE'y to NE Cor of Lot 2, th SE'y Alg NE'y Lot Li to SE'y Cor of Lot 2, th SW'y Alg SE'y Lot Li to Pt of Beg & All of Lots 3 thru 15 EXC the W'y 10 ft of Lots 8 thru 15 incl measured at Rt Angles with W'y Li sd Lots 8 thru 15
Parcel ID Number 14-29-428-002

Document Date	Assessment Number	Amount
05/19/2009	05-09-00015260-S077	See Text

53041

The statutory lien includes any unreimbursed response activity costs incurred by the State of Michigan. The total amount of the statutory lien may also include additional response activity costs and damage assessment costs incurred by the State of Michigan after the date of the recording of this Lien Placement, and any and all interest authorized to be recovered under state and federal law. This statutory lien in favor of the State of Michigan, DEQ, Remediation and Redevelopment Division (RRD), exists and continues until the liability for such costs and damages is satisfied or resolved or becomes unenforceable through the operation of the statute of limitations as provided for under Section 20140 of the NREPA.

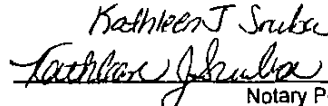
STATE OF MICHIGAN, DEPARTMENT OF ENVIRONMENTAL QUALITY


Lynelle Marolf, Acting Chief, Remediation and Redevelopment Division

STATE OF MICHIGAN, COUNTY OF INGHAM

The foregoing instrument was acknowledged before me this 21st day of May, 2009, by Lynelle Marolf, Acting Chief, RRD, DEQ, an authorized representative, on behalf of the DEQ.

Return to:

Prepared by Jacqueline Barnett, RRD, DEQ
P O Box 30426
Lansing, Michigan 48909-7926
KATHLEEN J. SRUBA
NOTARY PUBLIC - STATE OF MICHIGAN
COUNTY OF EATON
My Commission Expires Sept. 15, 2012
Acting in the County of Ingham

OK ML

